

November 22, 2006

Zane O'Connor
TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Subject: **Calscience Work Order No.: 06-11-0824**
Client Reference: PEMACO

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 11/13/2006 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink that reads "Virendra R Patel". The signature is enclosed in an oval shape.

Calscience Environmental
Laboratories, Inc.
Virendra Patel
Project Manager

CA-ELAP ID: 1230

NELAP ID: 03220CA

CSDLAC ID: 10109

SCAQMD ID: 93LA0830

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL:(714) 895-5494 • FAX: (714) 894-7501



Case Narrative for 06-11-0824

Sample Condition on Receipt

One aqueous sample and eighteen soil samples were received as part of this Work Order on November 13, 2006. All samples were transferred to the laboratory in an ice-chest following strict chain-of-custody procedures. The temperature (3.0°C) of the samples was measured upon arrival in the laboratory and was within acceptable limits. The samples were logged into the Laboratory Information Management System (LIMS), given laboratory identification numbers, and stored in refrigeration units pending analysis.

Data Summary

The samples included in this report were analyzed in accordance with the attached chain-of custody (COC) record and the faxed COC received. Data is presented on a wet weight basis.

Holding Times

All holding time requirements were met.

Calibration

Frequency and control criteria for initial and continuing calibration verifications were met.

Blanks

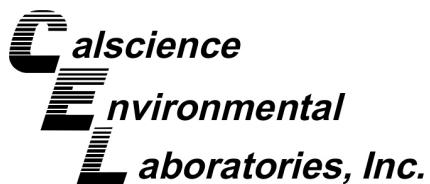
The method blank data showed non-detectable levels, with the exception of trace levels of select constituents. Please see Table A below for details.

Table A: Trace levels present in associated method blanks	
EPA Method 8260B	
Batch #	Analyte(s)
061114L01	Hexane
061114L04	Chloroform & Hexane
061116L01	Benzene, Toluene & Hexane
061115L02	Acetone, 1-4,Dichlorobenzene, Methylene Chloride, Naphthalene, Toluene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, & Isopropanol

Matrix Spikes

Matrix Spikes (MS) and Matrix Spike Duplicates (MSD) were performed at required frequencies. All recoveries were within acceptable limits, with the exception of specific analytes by EPA Method 8260B. Please see Table B below for details.





Case Narrative for 06-11-0824

Table B: Matrix Spike / Matrix Spike Duplicate outside acceptable limits	
EPA Method 8260B	
Batch #	Analytes(s)
061114S01	Trichloroethene [‡] & Tert-Butyl Alcohol (TBA)

[‡]: As a direct result of the unacceptable recoveries for the MS and/or MSD, the relative percent difference was also outside acceptable limits. These recoveries have been flagged with a "4" qualifier.

Note that the corresponding Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) recoveries were within control limits, indicating a matrix interference effect. Therefore, the data is released without further action or qualification.

Laboratory Control Samples

The Laboratory Control Sample (LCS) analyses were performed at the required frequencies. All recoveries were within acceptable limits.

Surrogates

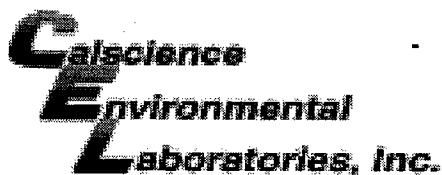
Surrogate recoveries for all samples were within acceptable control limits.



CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
Sample Summary Report

WORK ORDER #: **06-11-0824**QAPP: **0000**

#	<i>Client Sample ID</i>	<i>Matrix</i>	<i>Date Collected</i>	<i>NoC</i>	<i>Comment</i>
1	TMP-17-25	S	11/13/2006	4	
2	TMP-17-30	S	11/13/2006	4	
3	TMP-17-35	S	11/13/2006	4	
4	TMP-17-40	S	11/13/2006	4	
5	TMP-17-40X	S	11/13/2006	4	
6	TMP-17-45	S	11/13/2006	4	
7	TMP-17-50	S	11/13/2006	4	
8	TMP-17-55	S	11/13/2006	4	
9	TMP-17-60	S	11/13/2006	4	
10	TMP-17-65	S	11/13/2006	4	
11	TMP-17-70	S	11/13/2006	4	
12	TMP-17-75	S	11/13/2006	4	
13	TMP-17-80	S	11/13/2006	12	
14	TMP-17-85	S	11/13/2006	4	
15	TMP-17-90	S	11/13/2006	4	
16	TMP-17-90X	S	11/13/2006	4	
17	TMP-17-95	S	11/13/2006	4	
18	TMP-17-100	S	11/13/2006	4	
19	EB-11.13.06	W	11/13/2006	3	



WORK ORDER #: 06 - 11-0824

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: TN DA

DATE: 11/13/16

TEMPERATURE – SAMPLES RECEIVED BY:**CALSCIENCE COURIER:**

- Chilled, cooler with temperature blank provided.
- Chilled, cooler without temperature blank.
- Chilled and placed in cooler with wet ice.
- Ambient and placed in cooler with wet ice.
- Ambient temperature.

3.0 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- °C Temperature blank.
- °C IR thermometer.
- Ambient temperature.

Initial:

CUSTODY SEAL INTACT:

Sample(s): _____

Cooler: _____

No (Not Intact): _____

Not Present: _____

Initial:

SAMPLE CONDITION:

- | | Yes | No | N/A |
|---|-------------------------------------|--------------------------|--------------------------|
| Chain-Of-Custody document(s) received with samples..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Sampler's name indicated on COC..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Sample container label(s) consistent with custody papers..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Sample container(s) intact and good condition..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Correct containers and volume for analyses requested..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Proper preservation noted on sample label(s)..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| VOA vial(s) free of headspace..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Tedlar bag(s) free of condensation..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Initial:

COMMENTS:

**CALSCIENCE ENVIRONMENTAL
LABORATORIES, INC.**

7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 • FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

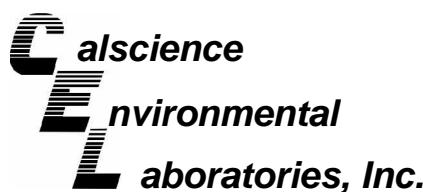
Date 13 Nov 2006

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LABORATORY CLIENT: TJ Associates Inc. ATTN: Ewelina Mulkowska		CLIENT PROJECT NAME / NUMBER: Fennaco		P.O. NO.: 2005083																																																															
ADDRESS: 317 E Main St		PROJECT CONTACT: Ewelina Mulkowska	LAB USE ONLY <input type="checkbox"/> - <input checked="" type="checkbox"/> <input type="checkbox"/>	COOLER RECEIPT <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> TEMP = <u> </u> °C																																																															
CITY Ventura	STATE CA	ZIP 93001	SAMPLERS: (SIGNATURE) Ewelina Mulkowska	COELT LOG CODE 1010																																																															
TEL 805-585-6391	FAX 805-585-6391	E-MAIL: E.Mulkowska@fennaco.com																																																																	
TURNAROUND TIME: <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 5 DAYS <input checked="" type="checkbox"/> 10 DAYS																																																																			
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY) <input type="checkbox"/> RWQCB REPORTING FORMS <input type="checkbox"/> COELT EDF <input type="checkbox"/>																																																																			
SPECIAL INSTRUCTIONS: * VOCs + hexane & isopropanol																																																																			
<table border="1"> <thead> <tr> <th rowspan="2">LAB USE ONLY</th> <th rowspan="2">SAMPLE ID</th> <th rowspan="2">FIELD POINT NAME (FOR COELT EDF)</th> <th colspan="2">SAMPLING</th> <th rowspan="2">NO. OF CONT.</th> </tr> <tr> <th>DATE</th> <th>TIME</th> <th>MATRIX</th> </tr> </thead> <tbody> <tr> <td>11</td> <td>TMP-17-70</td> <td>11-13-06</td> <td>1150</td> <td>Sci</td> <td>4</td> </tr> <tr> <td>12</td> <td>TMP-17-75</td> <td></td> <td>1205</td> <td>1</td> <td>4</td> </tr> <tr> <td>13</td> <td>TMP-17-80</td> <td></td> <td>1240</td> <td>12</td> <td>4</td> </tr> <tr> <td>14</td> <td>TMP-17-85</td> <td></td> <td>1310</td> <td>1</td> <td>4</td> </tr> <tr> <td>15</td> <td>TMP-17-90</td> <td></td> <td>1320</td> <td>4</td> <td>4</td> </tr> <tr> <td>16</td> <td>TMP-17-90X</td> <td></td> <td>1325</td> <td>4</td> <td>4</td> </tr> <tr> <td>17</td> <td>TMP-17-95</td> <td></td> <td>1335</td> <td>↓</td> <td>4</td> </tr> <tr> <td>18</td> <td>TMP-17-100</td> <td></td> <td>1345</td> <td>Sci</td> <td>4</td> </tr> <tr> <td>19</td> <td>EB-11-1306</td> <td>11-13-06</td> <td>1430</td> <td>Aq</td> <td>3</td> </tr> </tbody> </table>					LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING		NO. OF CONT.	DATE	TIME	MATRIX	11	TMP-17-70	11-13-06	1150	Sci	4	12	TMP-17-75		1205	1	4	13	TMP-17-80		1240	12	4	14	TMP-17-85		1310	1	4	15	TMP-17-90		1320	4	4	16	TMP-17-90X		1325	4	4	17	TMP-17-95		1335	↓	4	18	TMP-17-100		1345	Sci	4	19	EB-11-1306	11-13-06	1430	Aq	3
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Relinquished by: (Signature) John Ang	Received by: (Signature) John Ang	Date: <u>11/13/06</u>	Time: <u>1630</u>																																																																
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DISTRIBUTION: When with final report, Green to file, Yellow to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

10/20/04 Revision



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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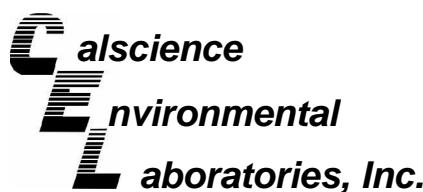
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-17-25	06-11-0824-1	11/13/06	Solid	11/13/06	11/14/06	061114L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	19	43	5.5	0.852	J	2,2-Dichloropropane	ND	4.3	0.39	0.852	
Benzene	3.2	0.8	0.11	0.852		1,1-Dichloropropene	ND	1.7	0.19	0.852	
Bromobenzene	ND	0.85	0.18	0.852		c-1,3-Dichloropropene	ND	0.85	0.16	0.852	
Bromoform	ND	1.7	1.2	0.852		t-1,3-Dichloropropene	ND	1.7	1.6	0.852	
Bromochloromethane	ND	0.85	0.13	0.852		Ethylbenzene	6.7	0.8	0.13	0.852	
Bromodichloromethane	ND	4.3	0.56	0.852		2-Hexanone	ND	17	4.8	0.852	
Bromomethane	ND	17	1.6	0.852		Isopropylbenzene	ND	0.85	0.10	0.852	
2-Butanone	ND	17	8.1	0.852		p-Isopropyltoluene	ND	0.85	0.098	0.852	
n-Butylbenzene	ND	0.85	0.19	0.852		Methylene Chloride	ND	8.5	4.4	0.852	
sec-Butylbenzene	ND	0.85	0.088	0.852		4-Methyl-2-Pentanone	ND	17	1.7	0.852	
tert-Butylbenzene	ND	0.85	0.11	0.852		Naphthalene	ND	8.5	0.28	0.852	
Carbon Disulfide	0.28	8.5	0.15	0.852	J	n-Propylbenzene	ND	0.85	0.87	0.852	
Carbon Tetrachloride	ND	0.85	0.27	0.852		Styrene	ND	0.85	0.18	0.852	
Chlorobenzene	ND	0.85	0.13	0.852		1,1,1,2-Tetrachloroethane	ND	0.85	0.28	0.852	
Chloroethane	ND	1.7	0.35	0.852		1,1,2,2-Tetrachloroethane	ND	1.7	0.20	0.852	
Chloroform	ND	0.85	0.15	0.852		Tetrachloroethene	0.40	0.85	0.14	0.852	J
Chloromethane	ND	17	2.5	0.852		Toluene	130	1	0.13	0.852	
2-Chlorotoluene	ND	0.85	0.099	0.852		1,2,3-Trichlorobenzene	ND	1.7	0.17	0.852	
4-Chlorotoluene	ND	0.85	0.089	0.852		1,2,4-Trichlorobenzene	ND	1.7	0.16	0.852	
Dibromochloromethane	ND	1.7	0.17	0.852		1,1,1-Trichloroethane	ND	0.85	0.22	0.852	
1,2-Dibromo-3-Chloropropane	ND	4.3	3.1	0.852		1,1,2-Trichloroethane	ND	0.85	0.21	0.852	
1,2-Dibromoethane	ND	0.85	0.38	0.852		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.5	0.40	0.852	
Dibromomethane	ND	0.85	0.60	0.852		Trichloroethene	9.8	1.7	0.15	0.852	
1,2-Dichlorobenzene	ND	0.85	0.11	0.852		Trichlorofluoromethane	ND	8.5	0.13	0.852	
1,3-Dichlorobenzene	ND	0.85	0.14	0.852		1,2,3-Trichloropropane	ND	1.7	0.55	0.852	
1,4-Dichlorobenzene	ND	0.85	0.13	0.852		1,2,4-Trimethylbenzene	0.64	1.7	0.099	0.852	J
Dichlorodifluoromethane	ND	1.7	0.16	0.852		1,3,5-Trimethylbenzene	0.21	1.7	0.084	0.852	J
1,1-Dichloroethane	ND	0.85	0.14	0.852		Vinyl Acetate	ND	8.5	6.4	0.852	
1,2-Dichloroethane	ND	0.85	0.15	0.852		Vinyl Chloride	120	1	0.18	0.852	
1,1-Dichloroethene	0.50	0.85	0.12	0.852	J	p/m-Xylene	48	2	0.17	0.852	
c-1,2-Dichloroethene	140	1	0.24	0.852		o-Xylene	16	1	0.098	0.852	
t-1,2-Dichloroethene	7.5	0.8	0.22	0.852		Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.11	0.852	
1,2-Dichloropropane	ND	0.85	0.23	0.852		Hexane	3.7	0.8	0.089	0.852	B
1,3-Dichloropropane	ND	0.85	0.15	0.852		Isopropanol	ND	43	19	0.852	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>				
Dibromofluoromethane	109	71-137		1,2-Dichloroethane-d4	120	58-160					
1,4-Bromofluorobenzene	93	66-126		Toluene-d8	96	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL:(714) 895-5494 • FAX: (714) 894-7501



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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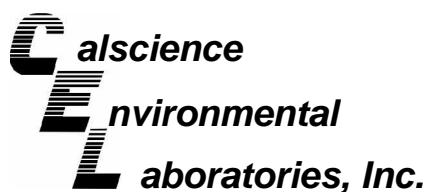
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-17-30	06-11-0824-2	11/13/06	Solid	11/13/06	11/14/06	061114L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	9.5	37.0	4.7	0.739	J	2,2-Dichloropropane	ND	3.7	0.34	0.739	
Benzene	0.14	0.74	0.099	0.739	J	1,1-Dichloropropene	ND	1.5	0.16	0.739	
Bromobenzene	ND	0.74	0.15	0.739		c-1,3-Dichloropropene	ND	0.74	0.14	0.739	
Bromoform	ND	1.5	1.0	0.739		t-1,3-Dichloropropene	ND	1.5	1.4	0.739	
Bromochloromethane	ND	0.74	0.11	0.739		Ethylbenzene	ND	0.74	0.11	0.739	
Bromodichloromethane	ND	3.7	0.49	0.739		2-Hexanone	ND	15	4.1	0.739	
Bromomethane	ND	15	1.4	0.739		Isopropylbenzene	ND	0.74	0.088	0.739	
2-Butanone	ND	15	7.1	0.739		p-Isopropyltoluene	ND	0.74	0.085	0.739	
n-Butylbenzene	ND	0.74	0.16	0.739		Methylene Chloride	ND	7.4	3.8	0.739	
sec-Butylbenzene	ND	0.74	0.076	0.739		4-Methyl-2-Pentanone	ND	15	1.5	0.739	
tert-Butylbenzene	ND	0.74	0.091	0.739		Naphthalene	ND	7.4	0.24	0.739	
Carbon Disulfide	ND	7.4	0.13	0.739		n-Propylbenzene	ND	0.74	0.76	0.739	
Carbon Tetrachloride	ND	0.74	0.24	0.739		Styrene	ND	0.74	0.15	0.739	
Chlorobenzene	ND	0.74	0.11	0.739		1,1,1,2-Tetrachloroethane	ND	0.74	0.25	0.739	
Chloroethane	ND	1.5	0.31	0.739		1,1,2,2-Tetrachloroethane	ND	1.5	0.17	0.739	
Chloroform	ND	0.74	0.13	0.739		Tetrachloroethene	0.53	0.74	0.13	0.739	J
Chloromethane	ND	15	2.2	0.739		Toluene	0.22	0.74	0.11	0.739	J
2-Chlorotoluene	ND	0.74	0.086	0.739		1,2,3-Trichlorobenzene	ND	1.5	0.15	0.739	
4-Chlorotoluene	ND	0.74	0.077	0.739		1,2,4-Trichlorobenzene	ND	1.5	0.14	0.739	
Dibromochloromethane	ND	1.5	0.15	0.739		1,1,1-Trichloroethane	ND	0.74	0.19	0.739	
1,2-Dibromo-3-Chloropropane	ND	3.7	2.7	0.739		1,1,2-Trichloroethane	ND	0.74	0.18	0.739	
1,2-Dibromoethane	ND	0.74	0.33	0.739		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	7.4	0.35	0.739	
Dibromomethane	ND	0.74	0.52	0.739		Trichloroethene	150	2	0.13	0.739	E
1,2-Dichlorobenzene	ND	0.74	0.094	0.739		Trichlorofluoromethane	ND	7.4	0.12	0.739	
1,3-Dichlorobenzene	ND	0.74	0.12	0.739		1,2,3-Trichloropropane	ND	1.5	0.48	0.739	
1,4-Dichlorobenzene	ND	0.74	0.11	0.739		1,2,4-Trimethylbenzene	ND	1.5	0.086	0.739	
Dichlorodifluoromethane	ND	1.5	0.14	0.739		1,3,5-Trimethylbenzene	ND	1.5	0.073	0.739	
1,1-Dichloroethane	ND	0.74	0.12	0.739		Vinyl Acetate	ND	7.4	5.5	0.739	
1,2-Dichloroethane	ND	0.74	0.13	0.739		Vinyl Chloride	ND	0.74	0.16	0.739	
1,1-Dichloroethene	0.39	0.74	0.10	0.739	J	p/m-Xylene	ND	1.5	0.15	0.739	
c-1,2-Dichloroethene	27	1	0.21	0.739		o-Xylene	ND	0.74	0.085	0.739	
t-1,2-Dichloroethene	3.0	0.7	0.19	0.739		Methyl-t-Butyl Ether (MTBE)	ND	1.5	0.098	0.739	
1,2-Dichloropropane	ND	0.74	0.20	0.739		Hexane	0.32	0.74	0.077	0.739	J,B
1,3-Dichloropropane	ND	0.74	0.13	0.739		Isopropanol	ND	37	17	0.739	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>				
Dibromofluoromethane	114	71-137		1,2-Dichloroethane-d4	125	58-160					
1,4-Bromofluorobenzene	96	66-126		Toluene-d8	95	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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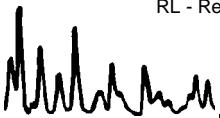
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-17-30	06-11-0824-2	11/13/06	Solid	11/13/06	11/15/06	061115L02

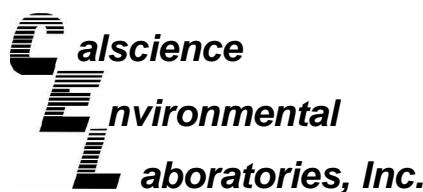
Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Trichloroethene	200	75	6.8	37.5									
Surrogates:	REC (%)	Control Limits		Qual									
Dibromofluoromethane	100	71-137				1,2-Dichloroethane-d4				109	58-160		
1,4-Bromofluorobenzene	94	66-126				Toluene-d8				101	87-111		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

Page 4 of 28

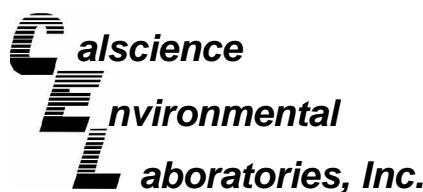
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-17-35	06-11-0824-3	11/13/06	Solid	11/13/06	11/15/06	061114L04

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	1900	250	38.8		2,2-Dichloropropane	ND	190	18	38.8	
Benzene	ND	39	5.2	38.8		1,1-Dichloropropene	ND	78	8.6	38.8	
Bromobenzene	ND	39	8.1	38.8		c-1,3-Dichloropropene	ND	39	7.1	38.8	
Bromoform	ND	78	54	38.8		t-1,3-Dichloropropene	ND	78	74	38.8	
Bromochloromethane	ND	39	5.7	38.8		Ethylbenzene	ND	39	6.0	38.8	
Bromodichloromethane	ND	190	26	38.8		2-Hexanone	ND	780	220	38.8	
Bromoform	ND	780	72	38.8		Isopropylbenzene	ND	39	4.6	38.8	
Bromomethane	ND	780	370	38.8		p-Isopropyltoluene	ND	39	4.5	38.8	
2-Butanone	ND	39	8.6	38.8		Methylene Chloride	480	390	200	38.8	B
n-Butylbenzene	ND	39	4.0	38.8		4-Methyl-2-Pentanone	ND	780	79	38.8	
sec-Butylbenzene	ND	39	4.8	38.8		Naphthalene	ND	390	13	38.8	
tert-Butylbenzene	ND	390	6.8	38.8		n-Propylbenzene	ND	39	40	38.8	
Carbon Disulfide	ND	39	12	38.8		Styrene	ND	39	8.0	38.8	
Carbon Tetrachloride	ND	39	5.8	38.8		1,1,1,2-Tetrachloroethane	ND	39	13	38.8	
Chlorobenzene	ND	78	16	38.8		1,1,2,2-Tetrachloroethane	ND	78	8.9	38.8	
Chloroethane	ND	780	7.7	38.8		Tetrachloroethene	ND	39	6.6	38.8	
Chloroform	ND	39	4.5	38.8		Toluene	ND	39	5.8	38.8	
Chloromethane	ND	39	4.0	38.8		1,2,3-Trichlorobenzene	ND	78	7.9	38.8	
2-Chlorotoluene	ND	39	140	38.8		1,2,4-Trichlorobenzene	ND	78	7.1	38.8	
Dibromo-3-Chloropropane	ND	39	17	38.8		1,1,1-Trichloroethane	ND	39	9.8	38.8	
1,2-Dibromo-3-Chloropropane	ND	390	140	38.8		1,1,2-Trichloroethane	ND	39	9.4	38.8	
1,2-Dibromoethane	ND	39	27	38.8		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	390	18	38.8	
Dibromomethane	ND	39	5.0	38.8		Trichloroethene	570	78	7.0	38.8	
1,2-Dichlorobenzene	ND	39	6.3	38.8		Trichlorofluoromethane	ND	390	6.1	38.8	
1,3-Dichlorobenzene	ND	39	6.0	38.8		1,2,3-Trichloropropane	ND	78	25	38.8	
1,4-Dichlorobenzene	ND	78	7.5	38.8		1,2,4-Trimethylbenzene	ND	78	4.5	38.8	
Dichlorodifluoromethane	ND	39	6.2	38.8		1,3,5-Trimethylbenzene	ND	78	3.8	38.8	
1,1-Dichloroethane	ND	39	6.6	38.8		Vinyl Acetate	ND	390	290	38.8	
1,2-Dichloroethane	ND	39	5.4	38.8		Vinyl Chloride	ND	39	8.3	38.8	
1,1-Dichloroethene	130	39	11	38.8		p/m-Xylene	ND	78	7.8	38.8	
c-1,2-Dichloroethene	ND	39	9.8	38.8		o-Xylene	ND	39	4.5	38.8	
t-1,2-Dichloroethene	ND	39	10	38.8		Methyl-t-Butyl Ether (MTBE)	ND	78	5.1	38.8	
1,2-Dichloropropane	ND	39	6.8	38.8		Hexane	39	39	4.0	38.8	B
1,3-Dichloropropane	ND	102	71-137	38.8		Isopropanol	ND	1900	890	38.8	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual		
Dibromofluoromethane	94	66-126			1,2-Dichloroethane-d4	106	58-160				
					Toluene-d8	100	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

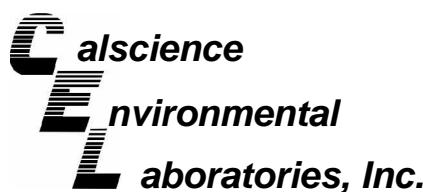
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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-17-40	06-11-0824-4	11/13/06	Solid	11/13/06	11/14/06	061114L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	44	5.6	0.876		2,2-Dichloropropane	ND	4.4	0.40	0.876	
Benzene	0.32	0.88	0.12	0.876	J	1,1-Dichloropropene	ND	1.8	0.19	0.876	
Bromobenzene	ND	0.88	0.18	0.876		c-1,3-Dichloropropene	ND	0.88	0.16	0.876	
Bromoform	ND	1.8	1.2	0.876		t-1,3-Dichloropropene	ND	1.8	1.7	0.876	
Bromochloromethane	ND	0.88	0.13	0.876		Ethylbenzene	ND	0.88	0.14	0.876	
Bromodichloromethane	ND	0.88	0.13	0.876		2-Hexanone	ND	18	4.9	0.876	
Bromomethane	ND	4.4	0.58	0.876		Isopropylbenzene	ND	0.88	0.10	0.876	
2-Butanone	ND	18	1.6	0.876		p-Isopropyltoluene	ND	0.88	0.10	0.876	
n-Butylbenzene	ND	0.88	0.19	0.876		Methylene Chloride	ND	8.8	4.5	0.876	
sec-Butylbenzene	ND	0.88	0.090	0.876		4-Methyl-2-Pentanone	ND	18	1.8	0.876	
tert-Butylbenzene	ND	0.88	0.11	0.876		Naphthalene	ND	8.8	0.28	0.876	
Carbon Disulfide	ND	8.8	0.15	0.876		n-Propylbenzene	ND	0.88	0.90	0.876	
Carbon Tetrachloride	ND	0.88	0.28	0.876		Styrene	ND	0.88	0.18	0.876	
Chlorobenzene	ND	0.88	0.13	0.876		1,1,1,2-Tetrachloroethane	ND	0.88	0.29	0.876	
Chloroethane	ND	1.8	0.36	0.876		1,1,2,2-Tetrachloroethane	ND	1.8	0.20	0.876	
Chloroform	ND	0.88	0.15	0.876		Tetrachloroethene	ND	0.88	0.15	0.876	
Chloromethane	ND	18	2.6	0.876		Toluene	0.27	0.88	0.13	0.876	J
2-Chlorotoluene	ND	0.88	0.10	0.876		1,2,3-Trichlorobenzene	ND	1.8	0.18	0.876	
4-Chlorotoluene	ND	0.88	0.091	0.876		1,2,4-Trichlorobenzene	ND	1.8	0.16	0.876	
Dibromochloromethane	ND	1.8	0.17	0.876		1,1,1-Trichloroethane	ND	0.88	0.22	0.876	
1,2-Dibromo-3-Chloropropane	ND	4.4	3.2	0.876		1,1,2-Trichloroethane	ND	0.88	0.21	0.876	
1,2-Dibromoethane	ND	0.88	0.39	0.876		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.8	0.41	0.876	
Dibromomethane	ND	0.88	0.61	0.876		Trichloroethene	7.3	1.8	0.16	0.876	
1,2-Dichlorobenzene	ND	0.88	0.11	0.876		Trichlorofluoromethane	ND	8.8	0.14	0.876	
1,3-Dichlorobenzene	ND	0.88	0.14	0.876		1,2,3-Trichloropropane	ND	1.8	0.57	0.876	
1,4-Dichlorobenzene	ND	0.88	0.14	0.876		1,2,4-Trimethylbenzene	ND	1.8	0.10	0.876	
Dichlorodifluoromethane	ND	1.8	0.17	0.876		1,3,5-Trimethylbenzene	ND	1.8	0.087	0.876	
1,1-Dichloroethane	ND	0.88	0.14	0.876		Vinyl Acetate	ND	8.8	6.5	0.876	
1,2-Dichloroethane	ND	0.88	0.15	0.876		Vinyl Chloride	ND	0.88	0.19	0.876	
1,1-Dichloroethene	ND	0.88	0.12	0.876		p/m-Xylene	ND	1.8	0.18	0.876	
c-1,2-Dichloroethene	0.80	0.88	0.25	0.876	J	o-Xylene	ND	0.88	0.10	0.876	
t-1,2-Dichloroethene	ND	0.88	0.22	0.876		Methyl-t-Butyl Ether (MTBE)	ND	1.8	0.12	0.876	
1,2-Dichloropropane	ND	0.88	0.23	0.876		Hexane	0.60	0.88	0.091	0.876	J,B
1,3-Dichloropropane	ND	0.88	0.15	0.876		Isopropanol	ND	44	20	0.876	
Surrogates:	REC (%)	Control Limits	Qual	Surrogates:		REC (%)	Control Limits	Qual			
Dibromofluoromethane	113	71-137		1,2-Dichloroethane-d4		112	58-160				
1,4-Bromofluorobenzene	93	66-126		Toluene-d8		96	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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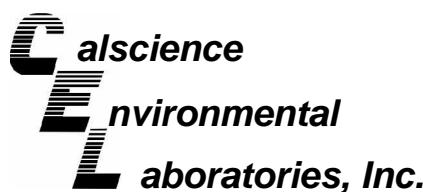
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-17-40X	06-11-0824-5	11/13/06	Solid	11/13/06	11/14/06	061114L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	8.9	43.0	5.5	0.856	J	2,2-Dichloropropane	ND	4.3	0.39	0.856	
Benzene	0.28	0.86	0.12	0.856	J	1,1-Dichloropropene	ND	1.7	0.19	0.856	
Bromobenzene	ND	0.86	0.18	0.856		c-1,3-Dichloropropene	ND	0.86	0.16	0.856	
Bromoform	ND	1.7	1.2	0.856		t-1,3-Dichloropropene	ND	1.7	1.6	0.856	
Bromochloromethane	ND	0.86	0.13	0.856		Ethylbenzene	ND	0.86	0.13	0.856	
Bromodichloromethane	ND	4.3	0.57	0.856		2-Hexanone	ND	17	4.8	0.856	
Bromomethane	ND	17	1.6	0.856		Isopropylbenzene	ND	0.86	0.10	0.856	
2-Butanone	ND	17	8.2	0.856		p-Isopropyltoluene	ND	0.86	0.099	0.856	
n-Butylbenzene	ND	0.86	0.19	0.856		Methylene Chloride	ND	8.6	4.4	0.856	
sec-Butylbenzene	ND	0.86	0.088	0.856		4-Methyl-2-Pentanone	ND	17	1.7	0.856	
tert-Butylbenzene	ND	0.86	0.11	0.856		Naphthalene	ND	8.6	0.28	0.856	
Carbon Disulfide	ND	8.6	0.15	0.856		n-Propylbenzene	ND	0.86	0.88	0.856	
Carbon Tetrachloride	ND	0.86	0.27	0.856		Styrene	ND	0.86	0.18	0.856	
Chlorobenzene	ND	0.86	0.13	0.856		1,1,1,2-Tetrachloroethane	ND	0.86	0.28	0.856	
Chloroethane	ND	1.7	0.36	0.856		1,1,2,2-Tetrachloroethane	ND	1.7	0.20	0.856	
Chloroform	ND	0.86	0.15	0.856		Tetrachloroethene	ND	0.86	0.15	0.856	
Chloromethane	ND	17	2.5	0.856		Toluene	0.36	0.86	0.13	0.856	J
2-Chlorotoluene	ND	0.86	0.10	0.856		1,2,3-Trichlorobenzene	ND	1.7	0.17	0.856	
4-Chlorotoluene	ND	0.86	0.089	0.856		1,2,4-Trichlorobenzene	ND	1.7	0.16	0.856	
Dibromochloromethane	ND	1.7	0.17	0.856		1,1,1-Trichloroethane	ND	0.86	0.22	0.856	
1,2-Dibromo-3-Chloropropane	ND	4.3	3.1	0.856		1,1,2-Trichloroethane	ND	0.86	0.21	0.856	
1,2-Dibromoethane	ND	0.86	0.38	0.856		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.6	0.40	0.856	
Dibromomethane	ND	0.86	0.60	0.856		Trichloroethene	7.2	1.7	0.16	0.856	
1,2-Dichlorobenzene	ND	0.86	0.11	0.856		Trichlorofluoromethane	ND	8.6	0.13	0.856	
1,3-Dichlorobenzene	ND	0.86	0.14	0.856		1,2,3-Trichloropropane	ND	1.7	0.56	0.856	
1,4-Dichlorobenzene	ND	0.86	0.13	0.856		1,2,4-Trimethylbenzene	ND	1.7	0.10	0.856	
Dichlorodifluoromethane	ND	1.7	0.17	0.856		1,3,5-Trimethylbenzene	ND	1.7	0.085	0.856	
1,1-Dichloroethane	ND	0.86	0.14	0.856		Vinyl Acetate	ND	8.6	6.4	0.856	
1,2-Dichloroethane	ND	0.86	0.15	0.856		Vinyl Chloride	ND	0.86	0.18	0.856	
1,1-Dichloroethene	ND	0.86	0.12	0.856		p/m-Xylene	ND	1.7	0.17	0.856	
c-1,2-Dichloroethene	0.83	0.86	0.24	0.856	J	o-Xylene	ND	0.86	0.098	0.856	
t-1,2-Dichloroethene	ND	0.86	0.22	0.856		Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.11	0.856	
1,2-Dichloropropane	ND	0.86	0.23	0.856		Hexane	0.65	0.86	0.089	0.856	J,B
1,3-Dichloropropane	ND	0.86	0.15	0.856		Isopropanol	ND	43	20	0.856	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual		
Dibromofluoromethane	111	71-137			1,2-Dichloroethane-d4	123	58-160				
1,4-Bromofluorobenzene	97	66-126			Toluene-d8	96	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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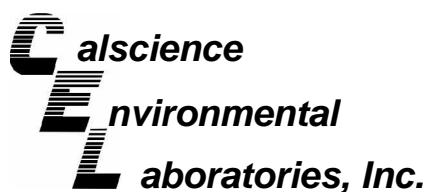
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-17-45	06-11-0824-6	11/13/06	Solid	11/13/06	11/14/06	061114L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	8.5	41.0	5.2	0.818	J	2,2-Dichloropropane	ND	4.1	0.37	0.818	
Benzene	0.57	0.82	0.11	0.818	J	1,1-Dichloropropene	ND	1.6	0.18	0.818	
Bromobenzene	ND	0.82	0.17	0.818		c-1,3-Dichloropropene	ND	0.82	0.15	0.818	
Bromoform	ND	1.6	1.1	0.818		t-1,3-Dichloropropene	ND	1.6	1.6	0.818	
Bromochloromethane	ND	0.82	0.12	0.818		Ethylbenzene	ND	0.82	0.13	0.818	
Bromodichloromethane	ND	4.1	0.54	0.818		2-Hexanone	ND	16	4.6	0.818	
Bromomethane	ND	16	1.5	0.818		Isopropylbenzene	ND	0.82	0.097	0.818	
2-Butanone	ND	16	7.8	0.818		p-Isopropyltoluene	ND	0.82	0.094	0.818	
n-Butylbenzene	ND	0.82	0.18	0.818		Methylene Chloride	ND	8.2	4.2	0.818	
sec-Butylbenzene	ND	0.82	0.084	0.818		4-Methyl-2-Pentanone	ND	16	1.7	0.818	
tert-Butylbenzene	ND	0.82	0.10	0.818		Naphthalene	ND	8.2	0.27	0.818	
Carbon Disulfide	ND	8.2	0.14	0.818		n-Propylbenzene	ND	0.82	0.84	0.818	
Carbon Tetrachloride	ND	0.82	0.26	0.818		Styrene	ND	0.82	0.17	0.818	
Chlorobenzene	ND	0.82	0.12	0.818		1,1,1,2-Tetrachloroethane	ND	0.82	0.27	0.818	
Chloroethane	ND	1.6	0.34	0.818		1,1,2,2-Tetrachloroethane	ND	1.6	0.19	0.818	
Chloroform	ND	0.82	0.14	0.818		Tetrachloroethene	0.30	0.82	0.14	0.818	J
Chloromethane	ND	16	2.4	0.818		Toluene	0.42	0.82	0.12	0.818	J
2-Chlorotoluene	ND	0.82	0.095	0.818		1,2,3-Trichlorobenzene	ND	1.6	0.17	0.818	
4-Chlorotoluene	ND	0.82	0.085	0.818		1,2,4-Trichlorobenzene	ND	1.6	0.15	0.818	
Dibromochloromethane	ND	1.6	0.16	0.818		1,1,1-Trichloroethane	ND	0.82	0.21	0.818	
1,2-Dibromo-3-Chloropropane	ND	4.1	3.0	0.818		1,1,2-Trichloroethane	ND	0.82	0.20	0.818	
1,2-Dibromoethane	ND	0.82	0.37	0.818		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.2	0.39	0.818	
Dibromomethane	ND	0.82	0.57	0.818		Trichloroethene	790	2	0.15	0.818	E
1,2-Dichlorobenzene	ND	0.82	0.10	0.818		Trichlorofluoromethane	ND	8.2	0.13	0.818	
1,3-Dichlorobenzene	ND	0.82	0.13	0.818		1,2,3-Trichloropropane	ND	1.6	0.53	0.818	
1,4-Dichlorobenzene	ND	0.82	0.13	0.818		1,2,4-Trimethylbenzene	ND	1.6	0.095	0.818	
Dichlorodifluoromethane	ND	1.6	0.16	0.818		1,3,5-Trimethylbenzene	ND	1.6	0.081	0.818	
1,1-Dichloroethane	ND	0.82	0.13	0.818		Vinyl Acetate	ND	8.2	6.1	0.818	
1,2-Dichloroethane	ND	0.82	0.14	0.818		Vinyl Chloride	3.4	0.8	0.18	0.818	
1,1-Dichloroethene	0.47	0.82	0.11	0.818	J	p/m-Xylene	ND	1.6	0.16	0.818	
c-1,2-Dichloroethene	120	1	0.23	0.818		o-Xylene	ND	0.82	0.094	0.818	
t-1,2-Dichloroethene	3.7	0.8	0.21	0.818		Methyl-t-Butyl Ether (MTBE)	ND	1.6	0.11	0.818	
1,2-Dichloropropane	ND	0.82	0.22	0.818		Hexane	3.2	0.8	0.085	0.818	B
1,3-Dichloropropane	ND	0.82	0.14	0.818		Isopropanol	ND	41	19	0.818	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		
Dibromofluoromethane	106	71-137			1,2-Dichloroethane-d4	115	58-160				
1,4-Bromofluorobenzene	99	66-126			Toluene-d8	101	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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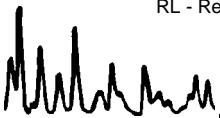
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-17-45	06-11-0824-6	11/13/06	Solid	11/13/06	11/15/06	061115L02

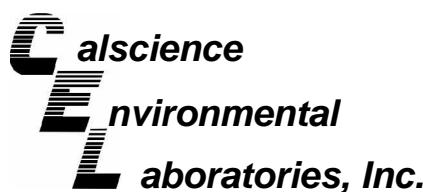
Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Trichloroethene	800	94	8.5	46.8									
Surrogates:	REC (%)	Control Limits		Qual		Surrogates:				REC (%)	Control Limits		Qual
Dibromofluoromethane	104	71-137				1,2-Dichloroethane-d4				109	58-160		
1,4-Bromofluorobenzene	97	66-126				Toluene-d8				102	87-111		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
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317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

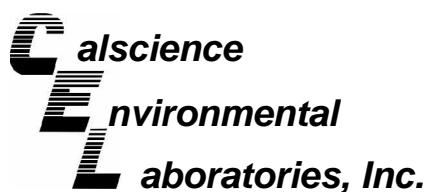
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Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-17-50	06-11-0824-7	11/13/06	Solid	11/13/06	11/14/06	061114L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	47	6.0	0.933		2,2-Dichloropropane	ND	4.7	0.43	0.933	
Benzene	0.93	0.93	0.13	0.933	J	1,1-Dichloropropene	ND	1.9	0.21	0.933	
Bromobenzene	ND	0.93	0.20	0.933		c-1,3-Dichloropropene	ND	0.93	0.17	0.933	
Bromoform	ND	1.9	1.3	0.933		t-1,3-Dichloropropene	ND	1.9	1.8	0.933	
Bromochloromethane	ND	0.93	0.14	0.933		Ethylbenzene	ND	0.93	0.14	0.933	
Bromodichloromethane	ND	4.7	0.62	0.933		2-Hexanone	ND	19	5.2	0.933	
Bromomethane	ND	19	1.7	0.933		Isopropylbenzene	ND	0.93	0.11	0.933	
2-Butanone	ND	19	8.9	0.933		p-Isopropyltoluene	ND	0.93	0.11	0.933	
n-Butylbenzene	ND	0.93	0.21	0.933		Methylene Chloride	ND	9.3	4.8	0.933	
sec-Butylbenzene	ND	0.93	0.096	0.933		4-Methyl-2-Pentanone	ND	19	1.9	0.933	
tert-Butylbenzene	ND	0.93	0.12	0.933		Naphthalene	ND	9.3	0.30	0.933	
Carbon Disulfide	ND	9.3	0.16	0.933		n-Propylbenzene	ND	0.93	0.95	0.933	
Carbon Tetrachloride	ND	0.93	0.30	0.933		Styrene	ND	0.93	0.19	0.933	
Chlorobenzene	ND	0.93	0.14	0.933		1,1,1,2-Tetrachloroethane	ND	0.93	0.31	0.933	
Chloroethane	ND	1.9	0.39	0.933		1,1,2,2-Tetrachloroethane	ND	1.9	0.22	0.933	
Chloroform	ND	0.93	0.16	0.933		Tetrachloroethene	0.59	0.93	0.16	0.933	J
Chloromethane	ND	19	2.7	0.933		Toluene	1.2	0.9	0.14	0.933	
2-Chlorotoluene	ND	0.93	0.11	0.933		1,2,3-Trichlorobenzene	ND	1.9	0.19	0.933	
4-Chlorotoluene	ND	0.93	0.097	0.933		1,2,4-Trichlorobenzene	ND	1.9	0.17	0.933	
Dibromochloromethane	ND	1.9	0.19	0.933		1,1,1-Trichloroethane	ND	0.93	0.24	0.933	
1,2-Dibromo-3-Chloropropane	ND	4.7	3.4	0.933		1,1,2-Trichloroethane	ND	0.93	0.22	0.933	
1,2-Dibromoethane	ND	0.93	0.42	0.933		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.3	0.44	0.933	
Dibromomethane	ND	0.93	0.65	0.933		Trichloroethene	1900	2	0.17	0.933	E
1,2-Dichlorobenzene	ND	0.93	0.12	0.933		Trichlorofluoromethane	ND	9.3	0.15	0.933	
1,3-Dichlorobenzene	ND	0.93	0.15	0.933		1,2,3-Trichloropropane	ND	1.9	0.61	0.933	
1,4-Dichlorobenzene	ND	0.93	0.14	0.933		1,2,4-Trimethylbenzene	ND	1.9	0.11	0.933	
Dichlorodifluoromethane	ND	1.9	0.18	0.933		1,3,5-Trimethylbenzene	ND	1.9	0.092	0.933	
1,1-Dichloroethane	ND	0.93	0.15	0.933		Vinyl Acetate	ND	9.3	7.0	0.933	
1,2-Dichloroethane	ND	0.93	0.16	0.933		Vinyl Chloride	6.2	0.9	0.20	0.933	
1,1-Dichloroethene	0.94	0.93	0.13	0.933		p/m-Xylene	ND	1.9	0.19	0.933	
c-1,2-Dichloroethene	220	1	0.26	0.933	E	o-Xylene	ND	0.93	0.11	0.933	
t-1,2-Dichloroethene	4.1	0.9	0.24	0.933		Methyl-t-Butyl Ether (MTBE)	ND	1.9	0.12	0.933	
1,2-Dichloropropane	ND	0.93	0.25	0.933		Hexane	1.8	0.9	0.097	0.933	B
1,3-Dichloropropane	ND	0.93	0.16	0.933		Isopropanol	ND	47	21	0.933	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		
Dibromofluoromethane	95	71-137			1,2-Dichloroethane-d4	82	58-160				
1,4-Bromofluorobenzene	92	66-126			Toluene-d8	100	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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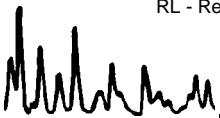
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-17-50	06-11-0824-7	11/13/06	Solid	11/13/06	11/15/06	061115L02

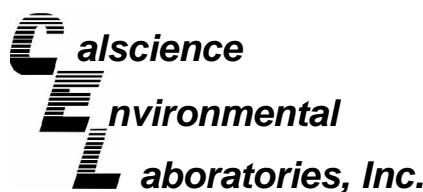
Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
c-1,2-Dichloroethene	130	48	13	47.5		Trichloroethene	1100	95	8.6	47.5	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	101	71-137				1,2-Dichloroethane-d4	109	58-160			
1,4-Bromofluorobenzene	95	66-126				Toluene-d8	101	87-111			

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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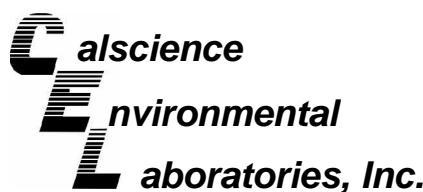
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-17-55	06-11-0824-8	11/13/06	Solid	11/13/06	11/15/06	061114L04

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	2100	270	41.7		2,2-Dichloropropane	ND	210	19	41.7	
Benzene	ND	42	5.6	41.7		1,1-Dichloropropene	ND	83	9.2	41.7	
Bromobenzene	ND	42	8.7	41.7		c-1,3-Dichloropropene	ND	42	7.6	41.7	
Bromoform	ND	83	58	41.7		t-1,3-Dichloropropene	ND	83	79	41.7	
Bromochloromethane	ND	42	6.1	41.7		Ethylbenzene	ND	42	6.5	41.7	
Bromodichloromethane	ND	210	28	41.7		2-Hexanone	ND	830	230	41.7	
Bromoform	ND	830	77	41.7		Isopropylbenzene	ND	42	4.9	41.7	
Bromomethane	ND	830	400	41.7		p-Isopropyltoluene	ND	42	4.8	41.7	
2-Butanone	ND	42	9.3	41.7		Methylene Chloride	260	420	220	41.7	J,B
n-Butylbenzene	ND	42	4.3	41.7		4-Methyl-2-Pentanone	ND	830	85	41.7	
sec-Butylbenzene	ND	42	5.1	41.7		Naphthalene	ND	420	14	41.7	
tert-Butylbenzene	ND	420	7.3	41.7		n-Propylbenzene	ND	42	43	41.7	
Carbon Disulfide	ND	42	13	41.7		Styrene	ND	42	8.6	41.7	
Carbon Tetrachloride	ND	830	6.2	41.7		1,1,1,2-Tetrachloroethane	ND	42	14	41.7	
Chlorobenzene	ND	42	17	41.7		1,1,2,2-Tetrachloroethane	ND	83	9.6	41.7	
Chloroethane	ND	83	7.2	41.7		Tetrachloroethene	ND	42	7.1	41.7	
Chloroform	ND	830	120	41.7		Toluene	ND	42	6.3	41.7	
Chloromethane	ND	42	4.9	41.7		1,2,3-Trichlorobenzene	ND	83	8.5	41.7	
2-Chlorotoluene	ND	42	4.3	41.7		1,2,4-Trichlorobenzene	ND	83	7.6	41.7	
4-Chlorotoluene	ND	83	8.3	41.7		1,1,1-Trichloroethane	ND	42	11	41.7	
Dibromo-3-Chloropropane	ND	210	150	41.7		1,1,2-Trichloroethane	ND	42	10	41.7	
1,2-Dibromo-3-Chloropropane	ND	42	19	41.7		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	420	20	41.7	
1,2-Dibromoethane	ND	42	29	41.7		Trichloroethene	1500	83	7.6	41.7	
Dibromomethane	ND	42	5.3	41.7		Trichlorofluoromethane	ND	420	6.5	41.7	
1,2-Dichlorobenzene	ND	42	6.8	41.7		1,2,3-Trichloropropane	ND	83	27	41.7	
1,3-Dichlorobenzene	ND	42	6.4	41.7		1,2,4-Trimethylbenzene	ND	83	4.9	41.7	
1,4-Dichlorobenzene	ND	83	8.1	41.7		1,3,5-Trimethylbenzene	ND	83	4.1	41.7	
Dichlorodifluoromethane	ND	42	6.6	41.7		Vinyl Acetate	ND	420	310	41.7	
1,1-Dichloroethane	ND	42	7.1	41.7		Vinyl Chloride	ND	42	9.0	41.7	
1,1-Dichloroethene	ND	42	5.8	41.7		p/m-Xylene	ND	83	8.4	41.7	
c-1,2-Dichloroethene	160	42	12	41.7		o-Xylene	ND	42	4.8	41.7	
t-1,2-Dichloroethene	ND	42	11	41.7		Methyl-t-Butyl Ether (MTBE)	ND	83	5.5	41.7	
1,2-Dichloropropane	ND	42	11	41.7		Hexane	28	42	4.3	41.7	J,B
1,3-Dichloropropane	ND	42	7.3	41.7		Isopropanol	ND	2100	950	41.7	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual		
Dibromofluoromethane	99	71-137			1,2-Dichloroethane-d4	105	58-160				
1,4-Bromofluorobenzene	93	66-126			Toluene-d8	99	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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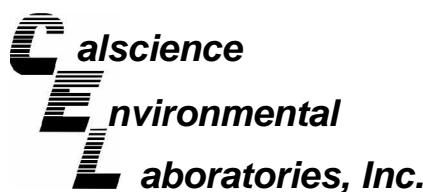
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-17-60	06-11-0824-9	11/13/06	Solid	11/13/06	11/15/06	061114L04

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	2100	270	42.1		2,2-Dichloropropane	ND	210	19	42.1	
Benzene	ND	42	5.7	42.1		1,1-Dichloropropene	ND	84	9.3	42.1	
Bromobenzene	ND	42	8.8	42.1		c-1,3-Dichloropropene	ND	42	7.7	42.1	
Bromoform	ND	84	58	42.1		t-1,3-Dichloropropene	ND	84	80	42.1	
Bromochloromethane	ND	42	6.2	42.1		Ethylbenzene	ND	42	6.5	42.1	
Bromodichloromethane	ND	210	28	42.1		2-Hexanone	ND	840	240	42.1	
Bromoform	ND	840	78	42.1		Isopropylbenzene	ND	42	5.0	42.1	
Bromomethane	ND	840	400	42.1		p-Isopropyltoluene	ND	42	4.9	42.1	
2-Butanone	ND	42	9.4	42.1		Methylene Chloride	490	420	220	42.1	B
n-Butylbenzene	ND	42	4.3	42.1		4-Methyl-2-Pentanone	ND	840	86	42.1	
sec-Butylbenzene	ND	42	5.2	42.1		Naphthalene	ND	420	14	42.1	
tert-Butylbenzene	ND	420	7.4	42.1		n-Propylbenzene	ND	42	43	42.1	
Carbon Disulfide	ND	42	13	42.1		Styrene	ND	42	8.7	42.1	
Carbon Tetrachloride	ND	42	6.3	42.1		1,1,1,2-Tetrachloroethane	ND	42	14	42.1	
Chlorobenzene	ND	84	17	42.1		1,1,2,2-Tetrachloroethane	ND	84	9.7	42.1	
Chloroethane	ND	840	120	42.1		Tetrachloroethene	ND	42	7.1	42.1	
Chloroform	ND	42	4.9	42.1		Toluene	ND	42	6.3	42.1	
Chloromethane	ND	42	4.4	42.1		1,2,3-Trichlorobenzene	ND	84	8.6	42.1	
2-Chlorotoluene	ND	84	8.4	42.1		1,2,4-Trichlorobenzene	ND	84	7.7	42.1	
Dibromo-3-Chloropropane	ND	210	150	42.1		1,1,1-Trichloroethane	ND	42	11	42.1	
Dibromoethane	ND	42	19	42.1		1,1,2-Trichloroethane	ND	42	10	42.1	
Dibromomethane	ND	42	30	42.1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	420	20	42.1	
1,2-Dichlorobenzene	ND	42	5.4	42.1		Trichloroethene	1400	84	7.6	42.1	
1,3-Dichlorobenzene	ND	42	6.9	42.1		Trichlorofluoromethane	ND	420	6.6	42.1	
1,4-Dichlorobenzene	ND	42	6.5	42.1		1,2,3-Trichloropropane	ND	84	27	42.1	
Dichlorodifluoromethane	ND	84	8.1	42.1		1,2,4-Trimethylbenzene	ND	84	4.9	42.1	
1,1-Dichloroethane	ND	42	6.7	42.1		1,3,5-Trimethylbenzene	ND	84	4.2	42.1	
1,2-Dichloroethane	ND	42	7.2	42.1		Vinyl Acetate	ND	420	310	42.1	
1,1-Dichloroethene	ND	42	5.9	42.1		Vinyl Chloride	ND	42	9.0	42.1	
c-1,2-Dichloroethene	160	42	12	42.1		p/m-Xylene	ND	84	8.5	42.1	
t-1,2-Dichloroethene	ND	42	11	42.1		o-Xylene	ND	42	4.8	42.1	
1,2-Dichloropropane	ND	42	11	42.1		Methyl-t-Butyl Ether (MTBE)	ND	84	5.6	42.1	
1,3-Dichloropropane	ND	42	7.4	42.1		Hexane	23	42	4.4	42.1	J,B
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual		
Dibromofluoromethane	101	71-137			1,2-Dichloroethane-d4	105	58-160				
1,4-Bromofluorobenzene	95	66-126			Toluene-d8	100	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

7440 Lincoln Way, Garden Grove, CA 92841-1427 · TEL:(714) 895-5494 · FAX: (714) 894-7501



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

Page 13 of 28

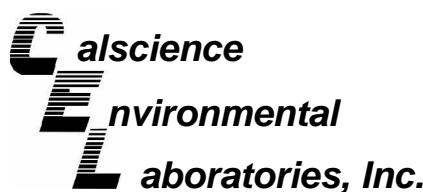
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-17-65	06-11-0824-10	11/13/06	Solid	11/13/06	11/15/06	061114L04

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	2300	290	45		2,2-Dichloropropane	ND	230	21	45	
Benzene	ND	45	6.1	45		1,1-Dichloropropene	ND	90	9.9	45	
Bromobenzene	ND	45	9.4	45		c-1,3-Dichloropropene	ND	45	8.2	45	
Bromoform	ND	90	62	45		t-1,3-Dichloropropene	ND	90	86	45	
Bromochloromethane	ND	45	6.6	45		Ethylbenzene	ND	45	7.0	45	
Bromodichloromethane	ND	230	30	45		2-Hexanone	ND	900	250	45	
Bromoform	ND	900	83	45		Isopropylbenzene	ND	45	5.3	45	
Bromomethane	ND	900	430	45		p-Isopropyltoluene	ND	45	5.2	45	
2-Butanone	ND	45	10	45		Methylene Chloride	540	450	230	45	B
n-Butylbenzene	ND	45	4.6	45		4-Methyl-2-Pentanone	ND	900	91	45	
sec-Butylbenzene	ND	45	5.5	45		Naphthalene	ND	450	15	45	
tert-Butylbenzene	ND	450	7.9	45		n-Propylbenzene	ND	45	46	45	
Carbon Disulfide	ND	45	14	45		Styrene	ND	45	9.3	45	
Carbon Tetrachloride	ND	45	6.7	45		1,1,1,2-Tetrachloroethane	ND	45	15	45	
Chlorobenzene	ND	90	19	45		1,1,2,2-Tetrachloroethane	ND	90	10	45	
Chloroethane	ND	45	7.8	45		Tetrachloroethene	ND	45	7.6	45	
Chloroform	ND	900	130	45		Toluene	ND	45	6.8	45	
Chloromethane	ND	45	5.2	45		1,2,3-Trichlorobenzene	ND	90	9.2	45	
2-Chlorotoluene	ND	45	4.7	45		1,2,4-Trichlorobenzene	ND	90	8.2	45	
4-Chlorotoluene	ND	90	9.0	45		1,1,1-Trichloroethane	ND	45	11	45	
Dibromo-3-Chloropropane	ND	230	160	45		1,1,2-Trichloroethane	ND	45	11	45	
1,2-Dibromo-3-Chloropropane	ND	45	20	45		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	450	21	45	
1,2-Dibromoethane	ND	45	32	45		Trichloroethene	3300	90	8.1	45	
Dibromomethane	ND	45	5.7	45		Trichlorofluoromethane	ND	450	7.0	45	
1,2-Dichlorobenzene	ND	45	7.3	45		1,2,3-Trichloropropane	ND	90	29	45	
1,3-Dichlorobenzene	ND	45	6.9	45		1,2,4-Trimethylbenzene	ND	90	5.3	45	
1,4-Dichlorobenzene	ND	90	8.7	45		1,3,5-Trimethylbenzene	ND	90	4.4	45	
Dichlorodifluoromethane	ND	45	7.2	45		Vinyl Acetate	ND	450	340	45	
1,1-Dichloroethane	ND	45	7.7	45		Vinyl Chloride	ND	45	9.7	45	
1,1-Dichloroethene	ND	45	6.3	45		p/m-Xylene	ND	90	9.1	45	
c-1,2-Dichloroethene	210	45	13	45		o-Xylene	ND	45	5.2	45	
t-1,2-Dichloroethene	ND	45	11	45		Methyl-t-Butyl Ether (MTBE)	ND	90	6.0	45	
1,2-Dichloropropane	ND	45	12	45		Hexane	24	45	4.7	45	J,B
1,3-Dichloropropane	ND	45	7.9	45		Isopropanol	ND	2300	1000	45	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual		
Dibromofluoromethane	101	71-137			1,2-Dichloroethane-d4	108	58-160				
1,4-Bromofluorobenzene	95	66-126			Toluene-d8	100	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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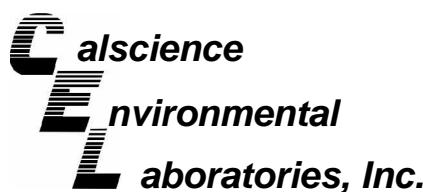
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-17-70	06-11-0824-11	11/13/06	Solid	11/13/06	11/15/06	061114L04

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	2100	260	41.1		2,2-Dichloropropane	ND	210	19	41.1	
Benzene	ND	41	5.5	41.1		1,1-Dichloropropene	ND	82	9.1	41.1	
Bromobenzene	ND	41	8.6	41.1		c-1,3-Dichloropropene	ND	41	7.5	41.1	
Bromoform	ND	82	57	41.1		t-1,3-Dichloropropene	ND	82	78	41.1	
Bromochloromethane	ND	41	6.0	41.1		Ethylbenzene	ND	41	6.4	41.1	
Bromodichloromethane	ND	210	27	41.1		2-Hexanone	ND	820	230	41.1	
Bromoform	ND	820	76	41.1		Isopropylbenzene	ND	41	4.9	41.1	
Bromomethane	ND	820	390	41.1		p-Isopropyltoluene	ND	41	4.7	41.1	
2-Butanone	ND	41	9.1	41.1		Methylene Chloride	500	410	210	41.1	B
n-Butylbenzene	ND	41	4.2	41.1		4-Methyl-2-Pentanone	ND	820	84	41.1	
sec-Butylbenzene	ND	41	5.1	41.1		Naphthalene	ND	410	13	41.1	
tert-Butylbenzene	ND	410	7.2	41.1		n-Propylbenzene	ND	41	42	41.1	
Carbon Disulfide	ND	41	13	41.1		Styrene	ND	41	8.5	41.1	
Carbon Tetrachloride	ND	41	6.2	41.1		1,1,1,2-Tetrachloroethane	ND	41	14	41.1	
Chlorobenzene	ND	82	17	41.1		1,1,2,2-Tetrachloroethane	ND	82	9.5	41.1	
Chloroethane	ND	41	7.1	41.1		Tetrachloroethene	ND	41	7.0	41.1	
Chloroform	ND	820	120	41.1		Toluene	ND	41	6.2	41.1	
Chloromethane	ND	41	4.8	41.1		1,2,3-Trichlorobenzene	ND	82	8.4	41.1	
2-Chlorotoluene	ND	41	4.3	41.1		1,2,4-Trichlorobenzene	ND	82	7.5	41.1	
4-Chlorotoluene	ND	82	8.2	41.1		1,1,1-Trichloroethane	ND	41	10	41.1	
Dibromo-3-Chloropropane	ND	210	150	41.1		1,1,2-Trichloroethane	ND	41	9.9	41.1	
1,2-Dibromo-3-Chloropropane	ND	41	18	41.1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	410	19	41.1	
1,2-Dibromoethane	ND	41	29	41.1		Trichloroethene	4600	82	7.4	41.1	
Dibromomethane	ND	41	5.3	41.1		Trichlorofluoromethane	ND	410	6.4	41.1	
1,2-Dichlorobenzene	ND	41	6.7	41.1		1,2,3-Trichloropropane	ND	82	27	41.1	
1,3-Dichlorobenzene	ND	41	6.3	41.1		1,2,4-Trimethylbenzene	ND	82	4.8	41.1	
1,4-Dichlorobenzene	ND	82	7.9	41.1		1,3,5-Trimethylbenzene	ND	82	4.1	41.1	
Dichlorodifluoromethane	ND	41	6.5	41.1		Vinyl Acetate	ND	410	310	41.1	
1,1-Dichloroethane	ND	41	7.0	41.1		Vinyl Chloride	ND	41	8.8	41.1	
1,1-Dichloroethene	ND	41	5.7	41.1		p/m-Xylene	ND	82	8.3	41.1	
c-1,2-Dichloroethene	230	41	12	41.1		o-Xylene	ND	41	4.7	41.1	
t-1,2-Dichloroethene	ND	41	10	41.1		Methyl-t-Butyl Ether (MTBE)	ND	82	5.5	41.1	
1,2-Dichloropropane	ND	41	11	41.1		Hexane	23	41	4.3	41.1	J,B
1,3-Dichloropropane	ND	41	7.2	41.1		Isopropanol	ND	2100	940	41.1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual		
Dibromofluoromethane	101	71-137			1,2-Dichloroethane-d4	106	58-160				
1,4-Bromofluorobenzene	95	66-126			Toluene-d8	100	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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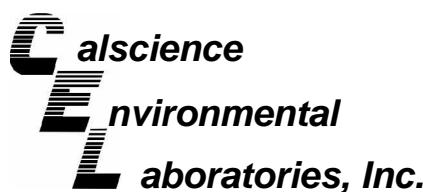
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-17-75	06-11-0824-12	11/13/06	Solid	11/13/06	11/15/06	061114L04

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	2200	280	43.9		2,2-Dichloropropane	ND	220	20	43.9	
Benzene	ND	44	5.9	43.9		1,1-Dichloropropene	ND	88	9.7	43.9	
Bromobenzene	ND	44	9.2	43.9		c-1,3-Dichloropropene	ND	44	8.0	43.9	
Bromoform	ND	88	61	43.9		t-1,3-Dichloropropene	ND	88	84	43.9	
Bromochloromethane	ND	44	6.4	43.9		Ethylbenzene	ND	44	6.8	43.9	
Bromodichloromethane	ND	220	29	43.9		2-Hexanone	ND	880	250	43.9	
Bromoform	ND	880	81	43.9		Isopropylbenzene	ND	44	5.2	43.9	
Bromomethane	ND	880	420	43.9		p-Isopropyltoluene	ND	44	5.1	43.9	
2-Butanone	ND	44	9.8	43.9		Methylene Chloride	570	440	230	43.9	B
n-Butylbenzene	ND	44	4.5	43.9		4-Methyl-2-Pentanone	ND	880	89	43.9	
sec-Butylbenzene	ND	44	5.4	43.9		Naphthalene	ND	440	14	43.9	
tert-Butylbenzene	ND	440	7.7	43.9		n-Propylbenzene	ND	44	45	43.9	
Carbon Disulfide	ND	44	14	43.9		Styrene	ND	44	9.0	43.9	
Carbon Tetrachloride	ND	44	6.6	43.9		1,1,1,2-Tetrachloroethane	ND	44	15	43.9	
Chlorobenzene	ND	88	18	43.9		1,1,2,2-Tetrachloroethane	ND	88	10	43.9	
Chloroethane	ND	44	7.6	43.9		Tetrachloroethene	ND	44	7.4	43.9	
Chloroform	ND	880	130	43.9		Toluene	ND	44	6.6	43.9	
Chloromethane	ND	44	5.1	43.9		1,2,3-Trichlorobenzene	ND	88	9.0	43.9	
2-Chlorotoluene	ND	44	4.6	43.9		1,2,4-Trichlorobenzene	ND	88	8.0	43.9	
Dibromo-3-Chloropropane	ND	220	160	43.9		Dibromo-1,2,2-Trifluoroethane	ND	440	21	43.9	
Dibromo-3-Chloropropane	ND	44	20	43.9		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	440	21	43.9	
Dibromo-3-Chloropropane	ND	44	31	43.9		Trichloroethene	4400	88	8.0	43.9	
Dibromomethane	ND	44	5.6	43.9		Trichlorofluoromethane	ND	440	6.9	43.9	
1,2-Dichlorobenzene	ND	44	7.2	43.9		1,2,3-Trichloropropane	ND	88	29	43.9	
1,3-Dichlorobenzene	ND	44	6.8	43.9		1,2,4-Trimethylbenzene	ND	88	5.1	43.9	
1,4-Dichlorobenzene	ND	88	8.5	43.9		1,3,5-Trimethylbenzene	ND	88	4.3	43.9	
Dichlorodifluoromethane	ND	44	7.0	43.9		Vinyl Acetate	ND	440	330	43.9	
1,1-Dichloroethane	ND	44	7.5	43.9		Vinyl Chloride	ND	44	9.4	43.9	
1,1-Dichloroethene	ND	44	6.1	43.9		p/m-Xylene	ND	88	8.8	43.9	
c-1,2-Dichloroethene	160	44	12	43.9		o-Xylene	ND	44	5.0	43.9	
t-1,2-Dichloroethene	ND	44	11	43.9		Methyl-t-Butyl Ether (MTBE)	ND	88	5.8	43.9	
1,2-Dichloropropane	ND	44	12	43.9		Hexane	25	44	4.6	43.9	J,B
1,3-Dichloropropane	ND	44	7.7	43.9		Isopropanol	ND	2200	1000	43.9	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual		
Dibromofluoromethane	99	71-137			1,2-Dichloroethane-d4	108	58-160				
1,4-Bromofluorobenzene	92	66-126			Toluene-d8	99	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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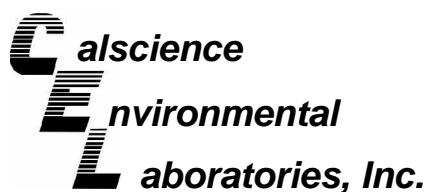
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-17-80	06-11-0824-13	11/13/06	Solid	11/13/06	11/14/06	061114L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	9.5	42.0	5.4	0.839	J	2,2-Dichloropropane	ND	4.2	0.38	0.839	
Benzene	0.18	0.84	0.11	0.839	J	1,1-Dichloropropene	ND	1.7	0.19	0.839	
Bromobenzene	ND	0.84	0.18	0.839		c-1,3-Dichloropropene	ND	0.84	0.15	0.839	
Bromoform	ND	1.7	1.2	0.839		t-1,3-Dichloropropene	ND	1.7	1.6	0.839	
Bromochloromethane	ND	0.84	0.12	0.839		Ethylbenzene	ND	0.84	0.13	0.839	
Bromodichloromethane	ND	4.2	0.56	0.839		2-Hexanone	ND	17	4.7	0.839	
Bromomethane	ND	17	1.5	0.839		Isopropylbenzene	ND	0.84	0.099	0.839	
2-Butanone	ND	17	8.0	0.839		p-Isopropyltoluene	ND	0.84	0.097	0.839	
n-Butylbenzene	ND	0.84	0.19	0.839		Methylene Chloride	ND	8.4	4.3	0.839	
sec-Butylbenzene	ND	0.84	0.087	0.839		4-Methyl-2-Pentanone	ND	17	1.7	0.839	
tert-Butylbenzene	ND	0.84	0.10	0.839		Naphthalene	ND	8.4	0.27	0.839	
Carbon Disulfide	ND	8.4	0.15	0.839		n-Propylbenzene	ND	0.84	0.86	0.839	
Carbon Tetrachloride	ND	0.84	0.27	0.839		Styrene	ND	0.84	0.17	0.839	
Chlorobenzene	ND	0.84	0.13	0.839		1,1,1,2-Tetrachloroethane	ND	0.84	0.28	0.839	
Chloroethane	ND	1.7	0.35	0.839		1,1,2,2-Tetrachloroethane	ND	1.7	0.19	0.839	
Chloroform	ND	0.84	0.14	0.839		Tetrachloroethene	0.53	0.84	0.14	0.839	J
Chloromethane	ND	17	2.4	0.839		Toluene	0.30	0.84	0.13	0.839	J
2-Chlorotoluene	ND	0.84	0.098	0.839		1,2,3-Trichlorobenzene	ND	1.7	0.17	0.839	
4-Chlorotoluene	ND	0.84	0.087	0.839		1,2,4-Trichlorobenzene	ND	1.7	0.15	0.839	
Dibromochloromethane	ND	1.7	0.17	0.839		1,1,1-Trichloroethane	ND	0.84	0.21	0.839	
1,2-Dibromo-3-Chloropropane	ND	4.2	3.1	0.839		1,1,2-Trichloroethane	ND	0.84	0.20	0.839	
1,2-Dibromoethane	ND	0.84	0.38	0.839		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.4	0.40	0.839	
Dibromomethane	ND	0.84	0.59	0.839		Trichloroethene	2300	2	0.15	0.839	E
1,2-Dichlorobenzene	ND	0.84	0.11	0.839		Trichlorofluoromethane	ND	8.4	0.13	0.839	
1,3-Dichlorobenzene	ND	0.84	0.14	0.839		1,2,3-Trichloropropane	ND	1.7	0.55	0.839	
1,4-Dichlorobenzene	ND	0.84	0.13	0.839		1,2,4-Trimethylbenzene	ND	1.7	0.098	0.839	
Dichlorodifluoromethane	ND	1.7	0.16	0.839		1,3,5-Trimethylbenzene	ND	1.7	0.083	0.839	
1,1-Dichloroethane	ND	0.84	0.13	0.839		Vinyl Acetate	ND	8.4	6.3	0.839	
1,2-Dichloroethane	ND	0.84	0.14	0.839		Vinyl Chloride	3.3	0.8	0.18	0.839	
1,1-Dichloroethene	1.1	0.8	0.12	0.839		p/m-Xylene	ND	1.7	0.17	0.839	
c-1,2-Dichloroethene	51	1	0.24	0.839		o-Xylene	ND	0.84	0.096	0.839	
t-1,2-Dichloroethene	2.1	0.8	0.21	0.839		Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.11	0.839	
1,2-Dichloropropane	ND	0.84	0.22	0.839		Hexane	0.39	0.84	0.087	0.839	J,B
1,3-Dichloropropane	ND	0.84	0.15	0.839		Isopropanol	ND	42	19	0.839	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		
Dibromofluoromethane	102	71-137			1,2-Dichloroethane-d4	109	58-160				
1,4-Bromofluorobenzene	95	66-126			Toluene-d8	104	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

7440 Lincoln Way, Garden Grove, CA 92841-1427 · TEL:(714) 895-5494 · FAX: (714) 894-7501



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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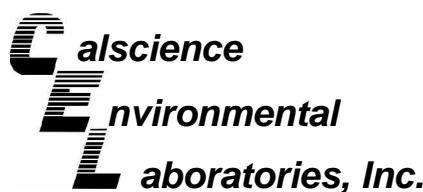
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-17-80	06-11-0824-13	11/13/06	Solid	11/13/06	11/15/06	061115L02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Trichloroethene	3100	85	7.7	42.4									
Surrogates:		REC (%)	Control Limits		Qual								
Dibromofluoromethane	104	71-137				1,2-Dichloroethane-d4				114	58-160		
1,4-Bromofluorobenzene	96	66-126				Toluene-d8				100	87-111		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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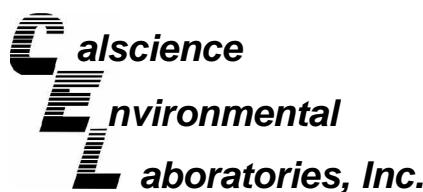
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-17-85	06-11-0824-14	11/13/06	Solid	11/13/06	11/15/06	061114L04

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	2300	290	45		2,2-Dichloropropane	ND	230	21	45	
Benzene	ND	45	6.1	45		1,1-Dichloropropene	ND	90	9.9	45	
Bromobenzene	ND	45	9.4	45		c-1,3-Dichloropropene	ND	45	8.2	45	
Bromoform	ND	90	62	45		t-1,3-Dichloropropene	ND	90	86	45	
Bromochloromethane	ND	45	6.6	45		Ethylbenzene	ND	45	7.0	45	
Bromodichloromethane	ND	230	30	45		2-Hexanone	ND	900	250	45	
Bromoform	ND	900	83	45		Isopropylbenzene	ND	45	5.3	45	
Bromomethane	ND	900	430	45		p-Isopropyltoluene	ND	45	5.2	45	
2-Butanone	ND	45	10	45		Methylene Chloride	560	450	230	45	
n-Butylbenzene	ND	45	4.6	45		4-Methyl-2-Pentanone	ND	900	91	45	
sec-Butylbenzene	ND	45	5.5	45		Naphthalene	ND	450	15	45	
tert-Butylbenzene	ND	450	7.9	45		n-Propylbenzene	ND	45	46	45	
Carbon Disulfide	ND	45	14	45		Styrene	ND	45	9.3	45	
Carbon Tetrachloride	ND	45	6.7	45		1,1,1,2-Tetrachloroethane	ND	45	15	45	
Chlorobenzene	ND	90	19	45		1,1,2,2-Tetrachloroethane	ND	90	10	45	
Chloroethane	ND	45	7.8	45		Tetrachloroethene	ND	45	7.6	45	
Chloroform	ND	900	130	45		Toluene	ND	45	6.8	45	
Chloromethane	ND	45	5.2	45		1,2,3-Trichlorobenzene	ND	90	9.2	45	
2-Chlorotoluene	ND	45	4.7	45		1,2,4-Trichlorobenzene	ND	90	8.2	45	
4-Chlorotoluene	ND	90	9.0	45		1,1,1-Trichloroethane	ND	45	11	45	
Dibromo-3-Chloropropane	ND	230	160	45		1,1,2-Trichloroethane	ND	45	11	45	
1,2-Dibromo-3-Chloropropane	ND	45	20	45		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	450	21	45	
1,2-Dibromoethane	ND	45	32	45		Trichloroethene	930	90	8.1	45	
Dibromomethane	ND	45	5.7	45		Trichlorofluoromethane	ND	450	7.0	45	
1,2-Dichlorobenzene	ND	45	7.3	45		1,2,3-Trichloropropane	ND	90	29	45	
1,3-Dichlorobenzene	ND	45	6.9	45		1,2,4-Trimethylbenzene	ND	90	5.3	45	
1,4-Dichlorobenzene	ND	90	8.7	45		1,3,5-Trimethylbenzene	ND	90	4.4	45	
Dichlorodifluoromethane	ND	45	7.2	45		Vinyl Acetate	ND	450	340	45	
1,1-Dichloroethane	ND	45	7.7	45		Vinyl Chloride	ND	45	9.7	45	
1,1-Dichloroethene	ND	45	6.3	45		p/m-Xylene	ND	90	9.1	45	
c-1,2-Dichloroethene	ND	45	13	45		o-Xylene	ND	45	5.2	45	
t-1,2-Dichloroethene	ND	45	11	45		Methyl-t-Butyl Ether (MTBE)	ND	90	6.0	45	
1,2-Dichloropropane	ND	45	12	45		Hexane	29	45	4.7	45	J,B
1,3-Dichloropropane	ND	45	7.9	45		Isopropanol	ND	2300	1000	45	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		
Dibromofluoromethane	105	71-137			1,2-Dichloroethane-d4	110	58-160				
1,4-Bromofluorobenzene	94	66-126			Toluene-d8	100	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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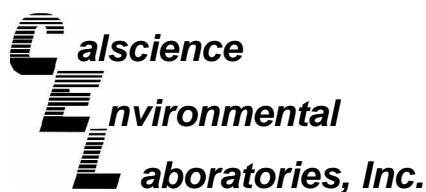
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-17-90	06-11-0824-15	11/13/06	Solid	11/13/06	11/16/06	061116L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	17	57	7.3	1.14	J	2,2-Dichloropropane	ND	5.7	0.52	1.14	
Benzene	1.5	1.1	0.15	1.14	B	1,1-Dichloropropene	ND	2.3	0.25	1.14	
Bromobenzene	ND	1.1	0.24	1.14		c-1,3-Dichloropropene	ND	1.1	0.21	1.14	
Bromoform	ND	2.3	1.6	1.14		t-1,3-Dichloropropene	ND	2.3	2.2	1.14	
Bromochloromethane	ND	1.1	0.17	1.14		Ethylbenzene	ND	1.1	0.18	1.14	
Bromodichloromethane	ND	5.7	0.75	1.14		2-Hexanone	ND	23	6.4	1.14	
Bromomethane	ND	23	2.1	1.14		Isopropylbenzene	ND	1.1	0.14	1.14	
2-Butanone	ND	23	11	1.14		p-Isopropyltoluene	ND	1.1	0.13	1.14	
n-Butylbenzene	ND	1.1	0.25	1.14		Methylene Chloride	ND	11	5.9	1.14	
sec-Butylbenzene	ND	1.1	0.12	1.14		4-Methyl-2-Pentanone	ND	23	2.3	1.14	
tert-Butylbenzene	ND	1.1	0.14	1.14		Naphthalene	ND	11	0.37	1.14	
Carbon Disulfide	0.21	11.00	0.20	1.14	J	n-Propylbenzene	ND	1.1	1.2	1.14	
Carbon Tetrachloride	ND	1.1	0.36	1.14		Styrene	ND	1.1	0.23	1.14	
Chlorobenzene	ND	1.1	0.17	1.14		1,1,1,2-Tetrachloroethane	ND	1.1	0.38	1.14	
Chloroethane	ND	2.3	0.47	1.14		1,1,2,2-Tetrachloroethane	ND	2.3	0.26	1.14	
Chloroform	ND	1.1	0.20	1.14		Tetrachloroethene	0.48	1.1	0.19	1.14	J
Chloromethane	ND	23	3.3	1.14		Toluene	0.98	1.1	0.17	1.14	J,B
2-Chlorotoluene	ND	1.1	0.13	1.14		1,2,3-Trichlorobenzene	ND	2.3	0.23	1.14	
4-Chlorotoluene	ND	1.1	0.12	1.14		1,2,4-Trichlorobenzene	ND	2.3	0.21	1.14	
Dibromochloromethane	ND	2.3	0.23	1.14		1,1,1-Trichloroethane	ND	1.1	0.29	1.14	
1,2-Dibromo-3-Chloropropane	ND	5.7	4.2	1.14		1,1,2-Trichloroethane	ND	1.1	0.27	1.14	
1,2-Dibromoethane	ND	1.1	0.51	1.14		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	11	0.54	1.14	
Dibromomethane	ND	1.1	0.80	1.14		Trichloroethene	620	2	0.21	1.14	E
1,2-Dichlorobenzene	ND	1.1	0.15	1.14		Trichlorofluoromethane	ND	11	0.18	1.14	
1,3-Dichlorobenzene	ND	1.1	0.19	1.14		1,2,3-Trichloropropane	ND	2.3	0.74	1.14	
1,4-Dichlorobenzene	ND	1.1	0.18	1.14		1,2,4-Trimethylbenzene	ND	2.3	0.13	1.14	
Dichlorodifluoromethane	ND	2.3	0.22	1.14		1,3,5-Trimethylbenzene	ND	2.3	0.11	1.14	
1,1-Dichloroethane	0.24	1.1	0.18	1.14	J	Vinyl Acetate	ND	11	8.5	1.14	
1,2-Dichloroethane	ND	1.1	0.19	1.14		Vinyl Chloride	2.2	1.1	0.24	1.14	
1,1-Dichloroethene	1.3	1.1	0.16	1.14		p/m-Xylene	0.27	2.3	0.23	1.14	J
c-1,2-Dichloroethene	40	1	0.32	1.14		o-Xylene	ND	1.1	0.13	1.14	
t-1,2-Dichloroethene	1.0	1.1	0.29	1.14	J	Methyl-t-Butyl Ether (MTBE)	ND	2.3	0.15	1.14	
1,2-Dichloropropane	ND	1.1	0.30	1.14		Hexane	ND	1.1	0.12	1.14	
1,3-Dichloropropane	ND	1.1	0.20	1.14		Isopropanol	ND	57	26	1.14	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual		
Dibromofluoromethane	106	71-137			1,2-Dichloroethane-d4	116	58-160				
1,4-Bromofluorobenzene	96	66-126			Toluene-d8	98	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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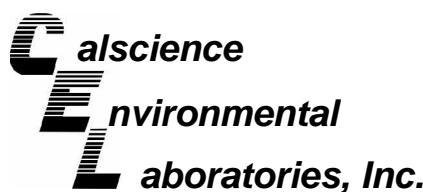
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-17-90	06-11-0824-15	11/13/06	Solid	11/13/06	11/15/06	061115L02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Trichloroethene	530	180	17	92.1									
Surrogates:		REC (%)	Control Limits		Qual								
Dibromofluoromethane	102	71-137				1,2-Dichloroethane-d4				109	58-160		
1,4-Bromofluorobenzene	96	66-126				Toluene-d8				101	87-111		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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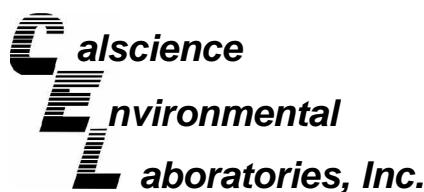
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-17-90X	06-11-0824-16	11/13/06	Solid	11/13/06	11/16/06	061116L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	6.0	45.0	5.8	0.904	J	2,2-Dichloropropane	ND	4.5	0.41	0.904	
Benzene	1.2	0.9	0.12	0.904	B	1,1-Dichloropropene	ND	1.8	0.20	0.904	
Bromobenzene	ND	0.90	0.19	0.904		c-1,3-Dichloropropene	ND	0.90	0.17	0.904	
Bromoform	ND	1.8	1.2	0.904		t-1,3-Dichloropropene	ND	1.8	1.7	0.904	
Bromochloromethane	ND	0.90	0.13	0.904		Ethylbenzene	ND	0.90	0.14	0.904	
Bromodichloromethane	ND	4.5	0.60	0.904		2-Hexanone	ND	18	5.1	0.904	
Bromomethane	ND	18	1.7	0.904		Isopropylbenzene	ND	0.90	0.11	0.904	
2-Butanone	ND	18	8.6	0.904		p-Isopropyltoluene	ND	0.90	0.10	0.904	
n-Butylbenzene	ND	0.90	0.20	0.904		Methylene Chloride	ND	9.0	4.7	0.904	
sec-Butylbenzene	ND	0.90	0.093	0.904		4-Methyl-2-Pentanone	ND	18	1.8	0.904	
tert-Butylbenzene	ND	0.90	0.11	0.904		Naphthalene	ND	9.0	0.29	0.904	
Carbon Disulfide	ND	9.0	0.16	0.904		n-Propylbenzene	ND	0.90	0.93	0.904	
Carbon Tetrachloride	ND	0.90	0.29	0.904		Styrene	ND	0.90	0.19	0.904	
Chlorobenzene	ND	0.90	0.14	0.904		1,1,1,2-Tetrachloroethane	ND	0.90	0.30	0.904	
Chloroethane	ND	1.8	0.38	0.904		1,1,2,2-Tetrachloroethane	ND	1.8	0.21	0.904	
Chloroform	ND	0.90	0.16	0.904		Tetrachloroethene	0.34	0.90	0.15	0.904	J
Chloromethane	ND	18	2.6	0.904		Toluene	0.66	0.90	0.14	0.904	J,B
2-Chlorotoluene	ND	0.90	0.11	0.904		1,2,3-Trichlorobenzene	ND	1.8	0.18	0.904	
4-Chlorotoluene	ND	0.90	0.094	0.904		1,2,4-Trichlorobenzene	ND	1.8	0.17	0.904	
Dibromochloromethane	ND	1.8	0.18	0.904		1,1,1-Trichloroethane	ND	0.90	0.23	0.904	
1,2-Dibromo-3-Chloropropane	ND	4.5	3.3	0.904		1,1,2-Trichloroethane	ND	0.90	0.22	0.904	
1,2-Dibromoethane	ND	0.90	0.40	0.904		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.0	0.43	0.904	
Dibromomethane	ND	0.90	0.63	0.904		Trichloroethene	480	2	0.16	0.904	E
1,2-Dichlorobenzene	ND	0.90	0.12	0.904		Trichlorofluoromethane	ND	9.0	0.14	0.904	
1,3-Dichlorobenzene	ND	0.90	0.15	0.904		1,2,3-Trichloropropane	ND	1.8	0.59	0.904	
1,4-Dichlorobenzene	ND	0.90	0.14	0.904		1,2,4-Trimethylbenzene	ND	1.8	0.11	0.904	
Dichlorodifluoromethane	ND	1.8	0.17	0.904		1,3,5-Trimethylbenzene	ND	1.8	0.089	0.904	
1,1-Dichloroethane	0.16	0.90	0.14	0.904	J	Vinyl Acetate	ND	9.0	6.8	0.904	
1,2-Dichloroethane	ND	0.90	0.15	0.904		Vinyl Chloride	2.0	0.9	0.19	0.904	
1,1-Dichloroethene	0.74	0.90	0.13	0.904	J	p/m-Xylene	ND	1.8	0.18	0.904	
c-1,2-Dichloroethene	26	1	0.26	0.904		o-Xylene	ND	0.90	0.10	0.904	
t-1,2-Dichloroethene	0.79	0.90	0.23	0.904	J	Methyl-t-Butyl Ether (MTBE)	ND	1.8	0.12	0.904	
1,2-Dichloropropane	ND	0.90	0.24	0.904		Hexane	ND	0.90	0.094	0.904	
1,3-Dichloropropane	ND	0.90	0.16	0.904		Isopropanol	ND	45	21	0.904	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>				
Dibromofluoromethane	98	71-137		1,2-Dichloroethane-d4	91	58-160					
1,4-Bromofluorobenzene	96	66-126		Toluene-d8	96	87-111					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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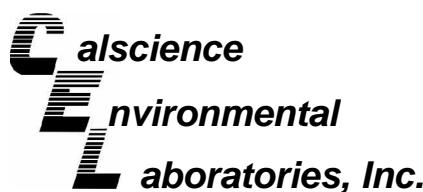
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-17-90X	06-11-0824-16	11/13/06	Solid	11/13/06	11/15/06	061115L02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Trichloroethene	480	180	16	89.6									
Surrogates:		REC (%)	Control Limits		Qual								
Dibromofluoromethane	102	71-137				1,2-Dichloroethane-d4				109	58-160		
1,4-Bromofluorobenzene	98	66-126				Toluene-d8				99	87-111		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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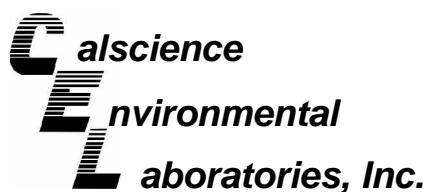
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-17-95	06-11-0824-17	11/13/06	Solid	11/13/06	11/15/06	061115L02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	2100	270	41.6		2,2-Dichloropropane	ND	210	19	41.6	
Benzene	ND	42	5.6	41.6		1,1-Dichloropropene	ND	83	9.2	41.6	
Bromobenzene	ND	42	8.7	41.6		c-1,3-Dichloropropene	ND	42	7.6	41.6	
Bromoform	ND	83	58	41.6		t-1,3-Dichloropropene	ND	83	79	41.6	
Bromochloromethane	ND	42	6.1	41.6		Ethylbenzene	ND	42	6.4	41.6	
Bromodichloromethane	ND	210	28	41.6		2-Hexanone	ND	830	230	41.6	
Bromoform	ND	830	77	41.6		Isopropylbenzene	ND	42	4.9	41.6	
Bromomethane	ND	830	400	41.6		p-Isopropyltoluene	ND	42	4.8	41.6	
2-Butanone	ND	42	9.2	41.6		Methylene Chloride	310	420	220	41.6	J,B
n-Butylbenzene	ND	42	4.3	41.6		4-Methyl-2-Pentanone	ND	830	85	41.6	
sec-Butylbenzene	ND	42	5.1	41.6		Naphthalene	ND	420	14	41.6	
tert-Butylbenzene	ND	420	7.3	41.6		n-Propylbenzene	ND	42	43	41.6	
Carbon Disulfide	ND	42	13	41.6		Styrene	ND	42	8.6	41.6	
Carbon Tetrachloride	ND	830	6.2	41.6		1,1,1,2-Tetrachloroethane	ND	42	14	41.6	
Chlorobenzene	ND	83	17	41.6		1,1,2,2-Tetrachloroethane	ND	83	9.6	41.6	
Chloroethane	ND	42	7.2	41.6		Tetrachloroethene	ND	42	7.0	41.6	
Chloroform	ND	830	120	41.6		Toluene	ND	42	6.2	41.6	
Chloromethane	ND	42	4.9	41.6		1,2,3-Trichlorobenzene	ND	83	8.5	41.6	
2-Chlorotoluene	ND	42	4.3	41.6		1,2,4-Trichlorobenzene	ND	83	7.6	41.6	
4-Chlorotoluene	ND	83	8.3	41.6		Dibromo-3-Chloropropane	ND	42	10	41.6	
Dibromochloromethane	ND	210	150	41.6		1,1,2-Trichloroethane	ND	420	20	41.6	
1,2-Dibromo-3-Chloropropane	ND	42	19	41.6		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	2300	83	7.5	41.6
1,2-Dibromoethane	ND	42	29	41.6		Trichloroethene	ND	420	6.5	41.6	
Dibromomethane	ND	42	5.3	41.6		1,1,1-Trichloroethane	ND	83	27	41.6	
1,2-Dichlorobenzene	ND	42	6.8	41.6		Trichlorofluoromethane	ND	83	4.9	41.6	
1,3-Dichlorobenzene	ND	42	6.4	41.6		1,2,3-Trichloropropane	ND	83	8.4	41.6	
1,4-Dichlorobenzene	ND	83	8.0	41.6		1,2,4-Trimethylbenzene	ND	83	4.1	41.6	
Dichlorodifluoromethane	ND	42	6.6	41.6		1,3,5-Trimethylbenzene	ND	420	310	41.6	
1,1-Dichloroethane	ND	42	7.1	41.6		Vinyl Acetate	ND	42	8.9	41.6	
1,2-Dichloroethane	ND	42	5.8	41.6		Vinyl Chloride	ND	42	4.8	41.6	
1,1-Dichloroethene	ND	170	12	41.6		p/m-Xylene	ND	83	5.5	41.6	
c-1,2-Dichloroethene	ND	42	11	41.6		o-Xylene	ND	83	42.0	4.3	
t-1,2-Dichloroethene	ND	42	11	41.6		Methyl-t-Butyl Ether (MTBE)	ND	2400	2100	950	
1,2-Dichloropropane	ND	42	7.3	41.6		Hexane	7.5	42.0	4.3	41.6	J
1,3-Dichloropropane	ND	42	7.3	41.6		Isopropanol	107	58-160	87-111	41.6	B
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual		
Dibromofluoromethane	100	71-137			1,2-Dichloroethane-d4	101	2400	2100	950	41.6	
1,4-Bromofluorobenzene	95	66-126			Toluene-d8	101	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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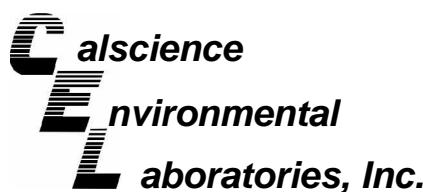
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-17-100	06-11-0824-18	11/13/06	Solid	11/13/06	11/15/06	061115L02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	2100	270	42.1		2,2-Dichloropropane	ND	210	19	42.1	
Benzene	ND	42	5.7	42.1		1,1-Dichloropropene	ND	84	9.3	42.1	
Bromobenzene	ND	42	8.8	42.1		c-1,3-Dichloropropene	ND	42	7.7	42.1	
Bromoform	ND	84	58	42.1		t-1,3-Dichloropropene	ND	84	80	42.1	
Bromochloromethane	ND	42	6.2	42.1		Ethylbenzene	ND	42	6.5	42.1	
Bromodichloromethane	ND	210	28	42.1		2-Hexanone	ND	840	240	42.1	
Bromoform	ND	840	78	42.1		Isopropylbenzene	ND	42	5.0	42.1	
Bromomethane	ND	840	400	42.1		p-Isopropyltoluene	ND	42	4.9	42.1	
2-Butanone	ND	42	9.4	42.1		Methylene Chloride	310	420	220	42.1	J,B
n-Butylbenzene	ND	42	4.3	42.1		4-Methyl-2-Pentanone	ND	840	86	42.1	
sec-Butylbenzene	ND	42	5.2	42.1		Naphthalene	ND	420	14	42.1	
tert-Butylbenzene	ND	420	7.4	42.1		n-Propylbenzene	ND	42	43	42.1	
Carbon Disulfide	ND	42	13	42.1		Styrene	ND	42	8.7	42.1	
Carbon Tetrachloride	ND	84	6.3	42.1		1,1,1,2-Tetrachloroethane	ND	42	14	42.1	
Chlorobenzene	ND	84	17	42.1		1,1,2,2-Tetrachloroethane	ND	84	9.7	42.1	
Chloroethane	ND	42	7.3	42.1		Tetrachloroethene	ND	42	7.1	42.1	
Chloroform	ND	840	120	42.1		Toluene	9.1	42.0	6.3	42.1	J,B
Chloromethane	ND	42	4.9	42.1		1,2,3-Trichlorobenzene	ND	84	8.6	42.1	
2-Chlorotoluene	ND	42	4.4	42.1		1,2,4-Trichlorobenzene	ND	84	7.7	42.1	
4-Chlorotoluene	ND	84	8.4	42.1		1,1,1-Trichloroethane	ND	42	11	42.1	
Dibromochloromethane	ND	210	150	42.1		1,1,2-Trichloroethane	ND	42	10	42.1	
1,2-Dibromo-3-Chloropropane	ND	42	19	42.1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	420	20	42.1	
1,2-Dibromoethane	ND	42	30	42.1		Trichloroethene	1900	84	7.6	42.1	
Dibromomethane	ND	42	5.4	42.1		Trichlorofluoromethane	ND	420	6.6	42.1	
1,2-Dichlorobenzene	ND	42	6.9	42.1		1,2,3-Trichloropropane	ND	84	27	42.1	
1,3-Dichlorobenzene	ND	42	6.5	42.1		1,2,4-Trimethylbenzene	ND	84	4.9	42.1	
1,4-Dichlorobenzene	ND	84	8.1	42.1		1,3,5-Trimethylbenzene	ND	84	4.2	42.1	
Dichlorodifluoromethane	ND	42	6.7	42.1		Vinyl Acetate	ND	420	310	42.1	
1,1-Dichloroethane	ND	42	7.2	42.1		Vinyl Chloride	ND	42	9.0	42.1	
1,1-Dichloroethene	ND	42	5.9	42.1		p/m-Xylene	ND	84	8.5	42.1	
c-1,2-Dichloroethene	110	42	12	42.1		o-Xylene	ND	42	4.8	42.1	
t-1,2-Dichloroethene	ND	42	11	42.1		Methyl-t-Butyl Ether (MTBE)	ND	84	5.6	42.1	
1,2-Dichloropropane	ND	42	11	42.1		Hexane	7.3	42.0	4.4	42.1	J
1,3-Dichloropropane	ND	42	7.4	42.1		Isopropanol	2600	2100	960	42.1	B
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual		
Dibromofluoromethane	100	71-137			1,2-Dichloroethane-d4	108	58-160				
1,4-Bromofluorobenzene	95	66-126			Toluene-d8	100	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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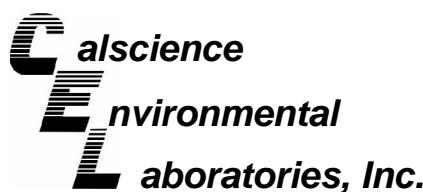
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-12-459-17	N/A	Solid	11/14/06	11/14/06	061114L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	6.4	1		2,2-Dichloropropane	ND	5.0	0.46	1	
Benzene	ND	1.0	0.13	1		1,1-Dichloropropene	ND	2.0	0.22	1	
Bromobenzene	ND	1.0	0.21	1		c-1,3-Dichloropropene	ND	1.0	0.18	1	
Bromoform	ND	2.0	1.4	1		t-1,3-Dichloropropene	ND	2.0	1.9	1	
Bromochloromethane	ND	1.0	0.15	1		Ethylbenzene	ND	1.0	0.15	1	
Bromodichloromethane	ND	5.0	0.66	1		2-Hexanone	ND	20	5.6	1	
Bromomethane	ND	20	1.8	1		Isopropylbenzene	ND	1.0	0.12	1	
2-Butanone	ND	20	9.6	1		p-Isopropyltoluene	ND	1.0	0.12	1	
n-Butylbenzene	ND	1.0	0.22	1		Methylene Chloride	ND	10	5.2	1	
sec-Butylbenzene	ND	1.0	0.10	1		4-Methyl-2-Pentanone	ND	20	2.0	1	
tert-Butylbenzene	ND	1.0	0.12	1		Naphthalene	ND	10	0.33	1	
Carbon Disulfide	ND	10	0.18	1		n-Propylbenzene	ND	1.0	1.0	1	
Carbon Tetrachloride	ND	1.0	0.32	1		Styrene	ND	1.0	0.21	1	
Chlorobenzene	ND	1.0	0.15	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.33	1	
Chloroethane	ND	2.0	0.42	1		1,1,2,2-Tetrachloroethane	ND	2.0	0.23	1	
Chloroform	ND	1.0	0.17	1		Tetrachloroethene	ND	1.0	0.17	1	
Chloromethane	ND	20	2.9	1		Toluene	ND	1.0	0.15	1	
2-Chlorotoluene	ND	1.0	0.12	1		1,2,3-Trichlorobenzene	ND	2.0	0.20	1	
4-Chlorotoluene	ND	1.0	0.10	1		1,2,4-Trichlorobenzene	ND	2.0	0.18	1	
Dibromochloromethane	ND	2.0	0.20	1		1,1,1-Trichloroethane	ND	1.0	0.25	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.7	1		1,1,2-Trichloroethane	ND	1.0	0.24	1	
1,2-Dibromoethane	ND	1.0	0.45	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.47	1	
Dibromomethane	ND	1.0	0.70	1		Trichloroethene	ND	2.0	0.18	1	
1,2-Dichlorobenzene	ND	1.0	0.13	1		Trichlorofluoromethane	ND	10	0.16	1	
1,3-Dichlorobenzene	ND	1.0	0.16	1		1,2,3-Trichloropropane	ND	2.0	0.65	1	
1,4-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	2.0	0.12	1	
Dichlorodifluoromethane	ND	2.0	0.19	1		1,3,5-Trimethylbenzene	ND	2.0	0.099	1	
1,1-Dichloroethane	ND	1.0	0.16	1		Vinyl Acetate	ND	10	7.5	1	
1,2-Dichloroethane	ND	1.0	0.17	1		Vinyl Chloride	ND	1.0	0.21	1	
1,1-Dichloroethene	ND	1.0	0.14	1		p/m-Xylene	ND	2.0	0.20	1	
c-1,2-Dichloroethene	ND	1.0	0.28	1		o-Xylene	ND	1.0	0.11	1	
t-1,2-Dichloroethene	ND	1.0	0.25	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.13	1	
1,2-Dichloropropane	ND	1.0	0.27	1		Hexane	0.20	1.0	0.10	1	J
1,3-Dichloropropane	ND	1.0	0.18	1		Isopropanol	ND	50	23	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		
Dibromofluoromethane	101	71-137			1,2-Dichloroethane-d4	102	58-160				
1,4-Bromofluorobenzene	94	66-126			Toluene-d8	97	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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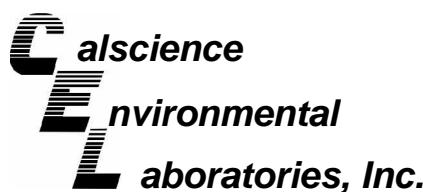
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-12-459-20	N/A	Solid	11/14/06	11/15/06	061114L04

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	5000	640	100		2,2-Dichloropropane	ND	500	46	100	
Benzene	ND	100	13	100		1,1-Dichloropropene	ND	200	22	100	
Bromobenzene	ND	100	21	100		c-1,3-Dichloropropene	ND	100	18	100	
Bromoform	ND	200	140	100		t-1,3-Dichloropropene	ND	200	190	100	
Bromochloromethane	ND	100	15	100		Ethylbenzene	ND	100	15	100	
Bromodichloromethane	ND	500	66	100		2-Hexanone	ND	2000	560	100	
Bromomethane	ND	2000	180	100		Isopropylbenzene	ND	100	12	100	
2-Butanone	ND	2000	960	100		p-Isopropyltoluene	ND	100	12	100	
n-Butylbenzene	ND	100	22	100		Methylene Chloride	1000	1000	520	100	
sec-Butylbenzene	ND	100	10	100		4-Methyl-2-Pentanone	ND	2000	200	100	
tert-Butylbenzene	ND	100	12	100		Naphthalene	ND	1000	33	100	
Carbon Disulfide	ND	1000	18	100		n-Propylbenzene	ND	100	100	100	
Carbon Tetrachloride	ND	100	32	100		Styrene	ND	100	21	100	
Chlorobenzene	ND	100	15	100		1,1,1,2-Tetrachloroethane	ND	100	33	100	
Chloroethane	ND	200	42	100		1,1,2,2-Tetrachloroethane	ND	200	23	100	
Chloroform	30	100	17	100	J	Tetrachloroethene	ND	100	17	100	
Chloromethane	ND	2000	290	100		Toluene	ND	100	15	100	
2-Chlorotoluene	ND	100	12	100		1,2,3-Trichlorobenzene	ND	200	20	100	
4-Chlorotoluene	ND	100	10	100		1,2,4-Trichlorobenzene	ND	200	18	100	
Dibromochloromethane	ND	200	20	100		1,1,1-Trichloroethane	ND	100	25	100	
1,2-Dibromo-3-Chloropropane	ND	500	370	100		1,1,2-Trichloroethane	ND	100	24	100	
1,2-Dibromoethane	ND	100	45	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	47	100	
Dibromomethane	ND	100	70	100		Trichloroethene	ND	200	18	100	
1,2-Dichlorobenzene	ND	100	13	100		Trichlorofluoromethane	ND	1000	16	100	
1,3-Dichlorobenzene	ND	100	16	100		1,2,3-Trichloropropane	ND	200	65	100	
1,4-Dichlorobenzene	ND	100	15	100		1,2,4-Trimethylbenzene	ND	200	12	100	
Dichlorodifluoromethane	ND	200	19	100		1,3,5-Trimethylbenzene	ND	200	9.9	100	
1,1-Dichloroethane	ND	100	16	100		Vinyl Acetate	ND	1000	750	100	
1,2-Dichloroethane	ND	100	17	100		Vinyl Chloride	ND	100	21	100	
1,1-Dichloroethene	ND	100	14	100		p/m-Xylene	ND	200	20	100	
c-1,2-Dichloroethene	ND	100	28	100		o-Xylene	ND	100	11	100	
t-1,2-Dichloroethene	ND	100	25	100		Methyl-t-Butyl Ether (MTBE)	ND	200	13	100	
1,2-Dichloropropane	ND	100	27	100		Hexane	69	100	10	100	J
1,3-Dichloropropane	ND	100	18	100		Isopropanol	ND	5000	2300	100	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		
Dibromofluoromethane	104	71-137			1,2-Dichloroethane-d4	107	58-160				
1,4-Bromofluorobenzene	95	66-126			Toluene-d8	95	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

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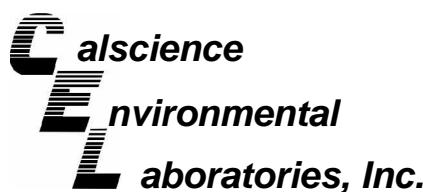
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-12-459-27	N/A	Solid	11/16/06	11/16/06	061116L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	6.4	1		2,2-Dichloropropane	ND	5.0	0.46	1	
Benzene	0.16	1.0	0.13	1	J	1,1-Dichloropropene	ND	2.0	0.22	1	
Bromobenzene	ND	1.0	0.21	1		c-1,3-Dichloropropene	ND	1.0	0.18	1	
Bromoform	ND	2.0	1.4	1		t-1,3-Dichloropropene	ND	2.0	1.9	1	
Bromochloromethane	ND	1.0	0.15	1		Ethylbenzene	ND	1.0	0.15	1	
Bromodichloromethane	ND	5.0	0.66	1		2-Hexanone	ND	20	5.6	1	
Bromomethane	ND	20	1.8	1		Isopropylbenzene	ND	1.0	0.12	1	
2-Butanone	ND	20	9.6	1		p-Isopropyltoluene	ND	1.0	0.12	1	
n-Butylbenzene	ND	1.0	0.22	1		Methylene Chloride	ND	10	5.2	1	
sec-Butylbenzene	ND	1.0	0.10	1		4-Methyl-2-Pentanone	ND	20	2.0	1	
tert-Butylbenzene	ND	1.0	0.12	1		Naphthalene	ND	10	0.33	1	
Carbon Disulfide	ND	10	0.18	1		n-Propylbenzene	ND	1.0	1.0	1	
Carbon Tetrachloride	ND	1.0	0.32	1		Styrene	ND	1.0	0.21	1	
Chlorobenzene	ND	1.0	0.15	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.33	1	
Chloroethane	ND	2.0	0.42	1		1,1,2,2-Tetrachloroethane	ND	2.0	0.23	1	
Chloroform	ND	1.0	0.17	1		Tetrachloroethene	ND	1.0	0.17	1	
Chloromethane	ND	20	2.9	1		Toluene	0.19	1.0	0.15	1	J
2-Chlorotoluene	ND	1.0	0.12	1		1,2,3-Trichlorobenzene	ND	2.0	0.20	1	
4-Chlorotoluene	ND	1.0	0.10	1		1,2,4-Trichlorobenzene	ND	2.0	0.18	1	
Dibromochloromethane	ND	2.0	0.20	1		1,1,1-Trichloroethane	ND	1.0	0.25	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.7	1		1,1,2-Trichloroethane	ND	1.0	0.24	1	
1,2-Dibromoethane	ND	1.0	0.45	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.47	1	
Dibromomethane	ND	1.0	0.70	1		Trichloroethene	ND	2.0	0.18	1	
1,2-Dichlorobenzene	ND	1.0	0.13	1		Trichlorofluoromethane	ND	10	0.16	1	
1,3-Dichlorobenzene	ND	1.0	0.16	1		1,2,3-Trichloropropane	ND	2.0	0.65	1	
1,4-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	2.0	0.12	1	
Dichlorodifluoromethane	ND	2.0	0.19	1		1,3,5-Trimethylbenzene	ND	2.0	0.099	1	
1,1-Dichloroethane	ND	1.0	0.16	1		Vinyl Acetate	ND	10	7.5	1	
1,2-Dichloroethane	ND	1.0	0.17	1		Vinyl Chloride	ND	1.0	0.21	1	
1,1-Dichloroethene	ND	1.0	0.14	1		p/m-Xylene	ND	2.0	0.20	1	
c-1,2-Dichloroethene	ND	1.0	0.28	1		o-Xylene	ND	1.0	0.11	1	
t-1,2-Dichloroethene	ND	1.0	0.25	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.13	1	
1,2-Dichloropropane	ND	1.0	0.27	1		Hexane	0.13	1.0	0.10	1	J
1,3-Dichloropropane	ND	1.0	0.18	1		Isopropanol	ND	50	23	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		
Dibromofluoromethane	101	71-137			1,2-Dichloroethane-d4	103	58-160				
1,4-Bromofluorobenzene	94	66-126			Toluene-d8	98	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

Page 28 of 28

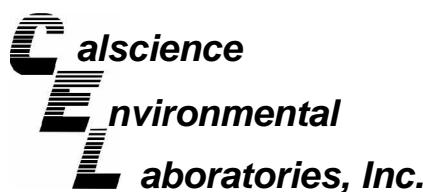
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-12-459-28	N/A	Solid	11/15/06	11/15/06	061115L02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	920	5000	640	100	J	2,2-Dichloropropane	ND	500	46	100	
Benzene	ND	100	13	100		1,1-Dichloropropene	ND	200	22	100	
Bromobenzene	ND	100	21	100		c-1,3-Dichloropropene	ND	100	18	100	
Bromoform	ND	200	140	100		t-1,3-Dichloropropene	ND	200	190	100	
Bromochloromethane	ND	100	15	100		Ethylbenzene	ND	100	15	100	
Bromodichloromethane	ND	500	66	100		2-Hexanone	ND	2000	560	100	
Bromomethane	ND	2000	180	100		Isopropylbenzene	ND	100	12	100	
2-Butanone	ND	2000	960	100		p-Isopropyltoluene	ND	100	12	100	
n-Butylbenzene	ND	100	22	100		Methylene Chloride	520	1000	520	100	J
sec-Butylbenzene	ND	100	10	100		4-Methyl-2-Pentanone	ND	2000	200	100	
tert-Butylbenzene	ND	100	12	100		Naphthalene	73	1000	33	100	J
Carbon Disulfide	ND	1000	18	100		n-Propylbenzene	ND	100	100	100	
Carbon Tetrachloride	ND	100	32	100		Styrene	ND	100	21	100	
Chlorobenzene	ND	100	15	100		1,1,1,2-Tetrachloroethane	ND	100	33	100	
Chloroethane	ND	200	42	100		1,1,2,2-Tetrachloroethane	ND	200	23	100	
Chloroform	ND	100	17	100		Tetrachloroethene	ND	100	17	100	
Chloromethane	ND	2000	290	100		Toluene	19	100	15	100	J
2-Chlorotoluene	ND	100	12	100		1,2,3-Trichlorobenzene	53	200	20	100	J
4-Chlorotoluene	ND	100	10	100		1,2,4-Trichlorobenzene	41	200	18	100	J
Dibromochloromethane	ND	200	20	100		1,1,1-Trichloroethane	ND	100	25	100	
1,2-Dibromo-3-Chloropropane	ND	500	370	100		1,1,2-Trichloroethane	ND	100	24	100	
1,2-Dibromoethane	ND	100	45	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	47	100	
Dibromomethane	ND	100	70	100		Trichloroethene	ND	200	18	100	
1,2-Dichlorobenzene	ND	100	13	100		Trichlorofluoromethane	ND	1000	16	100	
1,3-Dichlorobenzene	ND	100	16	100		1,2,3-Trichloropropane	ND	200	65	100	
1,4-Dichlorobenzene	25	100	15	100	J	1,2,4-Trimethylbenzene	ND	200	12	100	
Dichlorodifluoromethane	ND	200	19	100		1,3,5-Trimethylbenzene	ND	200	9.9	100	
1,1-Dichloroethane	ND	100	16	100		Vinyl Acetate	ND	1000	750	100	
1,2-Dichloroethane	ND	100	17	100		Vinyl Chloride	ND	100	21	100	
1,1-Dichloroethene	ND	100	14	100		p/m-Xylene	ND	200	20	100	
c-1,2-Dichloroethene	ND	100	28	100		o-Xylene	ND	100	11	100	
t-1,2-Dichloroethene	ND	100	25	100		Methyl-t-Butyl Ether (MTBE)	ND	200	13	100	
1,2-Dichloropropane	ND	100	27	100		Hexane	ND	100	10	100	
1,3-Dichloropropane	ND	100	18	100		Isopropanol	2400	5000	2300	100	J
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		
Dibromofluoromethane	99	71-137			1,2-Dichloroethane-d4	102	58-160				
1,4-Bromofluorobenzene	96	66-126			Toluene-d8	98	87-111				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: PEMACO

Page 1 of 2

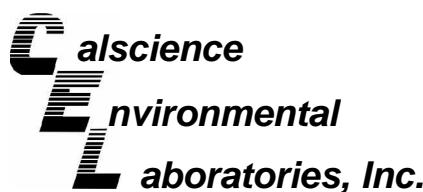
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
EB-11.13.06	06-11-0824-19	11/13/06	Aqueous	11/14/06	11/14/06	061114L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		2,2-Dichloropropane	ND	1.0	0.29	1	
Benzene	ND	0.50	0.19	1		1,1-Dichloropropene	ND	1.0	0.62	1	
Bromobenzene	ND	1.0	0.26	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Bromoform	ND	1.0	0.88	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromodichloromethane	ND	1.0	0.21	1		Ethylbenzene	ND	1.0	0.13	1	
Bromomethane	ND	1.0	0.87	1		2-Hexanone	ND	10	3.4	1	
2-Butanone	ND	10	3.5	1		Isopropylbenzene	ND	1.0	0.10	1	
n-Butylbenzene	ND	1.0	0.25	1		p-Isopropyltoluene	ND	1.0	0.14	1	
sec-Butylbenzene	ND	1.0	0.29	1		Methylene Chloride	ND	20	9.7	1	
tert-Butylbenzene	ND	1.0	0.19	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
Carbon Disulfide	ND	10	1.8	1		Naphthalene	ND	10	0.42	1	
Carbon Tetrachloride	ND	0.50	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
Chlorobenzene	ND	1.0	0.16	1		Styrene	ND	1.0	0.16	1	
Chloroethane	ND	1.0	0.70	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Chloroform	ND	1.0	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chloromethane	ND	10	2.1	1		Tetrachloroethene	ND	1.0	0.30	1	
2-Chlorotoluene	ND	1.0	0.16	1		Toluene	ND	1.0	0.23	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Dibromochloromethane	ND	1.0	0.39	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
1,2-Dibromoethane	ND	1.0	0.41	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromomethane	ND	1.0	0.82	1		Trichloroethane	0.63	1.0	0.31	1	J
1,2-Dichlorobenzene	ND	1.0	0.15	1		Trichlorofluoromethane	ND	10	0.83	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		1,2,4-Trimethylbenzene	0.39	1.0	0.13	1	J
Dichlorodifluoromethane	ND	1.0	0.33	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,1-Dichloroethane	ND	1.0	0.25	1		Vinyl Acetate	ND	10	6.4	1	
1,2-Dichloroethane	ND	0.50	0.25	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethene	ND	1.0	0.26	1		p/m-Xylene	0.38	1.0	0.27	1	J
c-1,2-Dichloroethene	ND	1.0	0.63	1		o-Xylene	ND	1.0	0.17	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Hexane	0.50	1.0	0.33	1	J
1,3-Dichloropropane	ND	1.0	0.28	1		Isopropanol	ND	100	29	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		
Dibromofluoromethane	110	74-140			1,2-Dichloroethane-d4	112	74-146				
Toluene-d8	102	88-112			1,4-Bromofluorobenzene	92	74-110				

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: PEMACO

Page 2 of 2

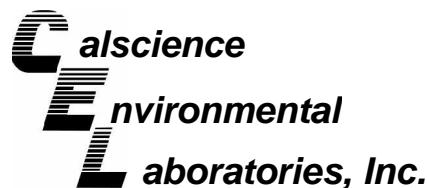
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-10-006-19,619	N/A	Aqueous	11/14/06	11/14/06	061114L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		2,2-Dichloropropane	ND	1.0	0.29	1	
Benzene	ND	0.50	0.19	1		1,1-Dichloropropene	ND	1.0	0.62	1	
Bromobenzene	ND	1.0	0.26	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Bromoform	ND	1.0	0.88	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromodichloromethane	ND	1.0	0.21	1		Ethylbenzene	ND	1.0	0.13	1	
Bromomethane	ND	1.0	0.87	1		2-Hexanone	ND	10	3.4	1	
2-Butanone	ND	10	3.5	1		Isopropylbenzene	ND	1.0	0.10	1	
n-Butylbenzene	ND	1.0	0.25	1		p-Isopropyltoluene	ND	1.0	0.14	1	
sec-Butylbenzene	ND	1.0	0.29	1		Methylene Chloride	ND	10	9.7	1	
tert-Butylbenzene	ND	1.0	0.19	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
Carbon Disulfide	ND	10	1.8	1		Naphthalene	ND	10	0.42	1	
Carbon Tetrachloride	ND	0.50	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
Chlorobenzene	ND	1.0	0.16	1		Styrene	ND	1.0	0.16	1	
Chloroethane	ND	1.0	0.70	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Chloroform	ND	1.0	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chloromethane	ND	10	2.1	1		Tetrachloroethene	ND	1.0	0.30	1	
2-Chlorotoluene	ND	1.0	0.16	1		Toluene	ND	1.0	0.23	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Dibromochloromethane	ND	1.0	0.39	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		1,1,1-Trichloroethane	ND	10	0.61	1	
1,2-Dibromoethane	ND	1.0	0.41	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.79	1	
Dibromomethane	ND	1.0	0.82	1		Trichloroethene	ND	1.0	0.31	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		Trichlorofluoromethane	ND	10	0.83	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,1-Dichloroethane	ND	1.0	0.25	1		Vinyl Acetate	ND	10	6.4	1	
1,2-Dichloroethane	ND	0.50	0.25	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethene	ND	1.0	0.26	1		p/m-Xylene	ND	1.0	0.27	1	
c-1,2-Dichloroethene	ND	1.0	0.63	1		o-Xylene	ND	1.0	0.17	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Hexane	ND	2.0	0.33	1	
1,3-Dichloropropane	ND	1.0	0.28	1							
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>		<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	111	74-140			1,2-Dichloroethane-d4		110	74-146			
Toluene-d8	100	88-112			1,4-Bromofluorobenzene		90	74-110			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

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Quality Control - Spike/Spike Duplicate



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

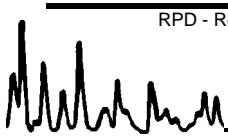
Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B

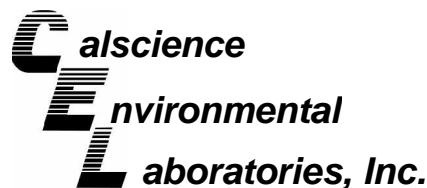
Project PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
TMP-17-80	Solid	GC/MS X	11/13/06	11/16/06	061114S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	94	88	40-142	7	0-18	
Carbon Tetrachloride	96	90	37-139	7	0-20	
Chlorobenzene	94	91	43-127	3	0-26	
1,2-Dichlorobenzene	90	89	40-160	1	0-36	
1,1-Dichloroethene	96	86	16-178	11	0-25	
Toluene	101	93	44-128	8	0-15	
Trichloroethene	352	0	47-131	20	0-19	3,4
Vinyl Chloride	85	89	29-161	5	0-42	
Methyl-t-Butyl Ether (MTBE)	107	97	42-150	10	0-34	
Tert-Butyl Alcohol (TBA)	131	103	61-109	24	0-47	3
Diisopropyl Ether (DIPE)	100	95	73-133	5	0-25	
Ethyl-t-Butyl Ether (ETBE)	99	98	73-132	1	0-25	
Tert-Amyl-Methyl Ether (TAME)	101	93	82-120	7	0-25	
Ethanol	110	91	39-117	18	0-99	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - Spike/Spike Duplicate



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Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

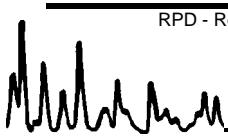
Date Received: 11/13/06
Work Order No: 06-11-0824
Preparation: EPA 5030B
Method: EPA 8260B

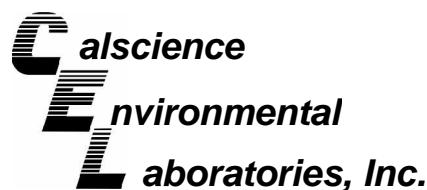
Project PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-11-0742-30	Aqueous	GC/MS T	11/14/06	11/14/06	061114S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	97	94	88-118	3	0-7	
Carbon Tetrachloride	105	102	67-145	3	0-11	
Chlorobenzene	104	100	88-118	4	0-7	
1,2-Dichlorobenzene	102	101	86-116	1	0-8	
1,1-Dichloroethene	86	86	70-130	0	0-25	
Toluene	100	98	87-123	2	0-8	
Trichloroethene	95	96	79-127	0	0-10	
Vinyl Chloride	79	81	69-129	3	0-13	
Methyl-t-Butyl Ether (MTBE)	97	98	71-131	0	0-13	
Tert-Butyl Alcohol (TBA)	111	105	36-168	5	0-45	
Diisopropyl Ether (DIPE)	92	90	81-123	2	0-9	
Ethyl-t-Butyl Ether (ETBE)	91	92	72-126	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	101	101	72-126	0	0-12	
Ethanol	108	112	53-149	3	0-31	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

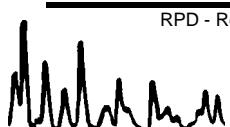
Date Received: N/A
Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B

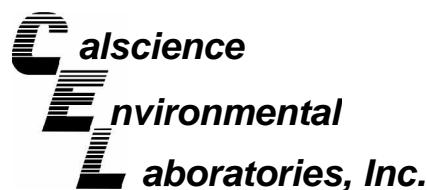
Project: PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-459-17	Solid	GC/MS X	11/14/06	11/14/06	061114L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	94	93	85-115	1	0-11	
Carbon Tetrachloride	98	94	68-134	4	0-14	
Chlorobenzene	97	96	83-119	1	0-9	
1,2-Dichlorobenzene	95	95	57-135	0	0-10	
1,1-Dichloroethene	91	89	72-120	2	0-10	
Toluene	93	92	67-127	1	0-10	
Trichloroethene	95	96	88-112	1	0-9	
Vinyl Chloride	89	87	57-129	2	0-16	
Methyl-t-Butyl Ether (MTBE)	96	97	76-124	2	0-12	
Tert-Butyl Alcohol (TBA)	96	102	31-145	6	0-23	
Diisopropyl Ether (DIPE)	98	93	74-128	5	0-10	
Ethyl-t-Butyl Ether (ETBE)	98	97	77-125	1	0-9	
Tert-Amyl-Methyl Ether (TAME)	98	98	81-123	0	0-10	
Ethanol	101	103	44-152	2	0-24	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



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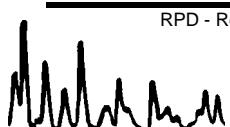
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Work Order No: 06-11-0824
Preparation: EPA 5035
Method: EPA 8260B

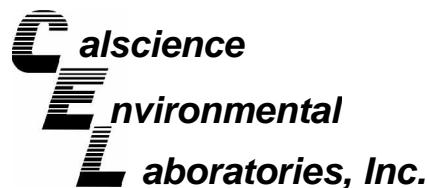
Project: PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-459-20	Solid	GC/MS X	11/14/06	11/14/06	061114L04

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	95	95	85-115	0	0-11	
Carbon Tetrachloride	99	100	68-134	1	0-14	
Chlorobenzene	95	95	83-119	0	0-9	
1,2-Dichlorobenzene	96	94	57-135	2	0-10	
1,1-Dichloroethene	94	96	72-120	3	0-10	
Toluene	93	93	67-127	1	0-10	
Trichloroethene	99	99	88-112	1	0-9	
Vinyl Chloride	99	94	57-129	6	0-16	
Methyl-t-Butyl Ether (MTBE)	100	98	76-124	2	0-12	
Tert-Butyl Alcohol (TBA)	100	92	31-145	9	0-23	
Diisopropyl Ether (DIPE)	101	101	74-128	0	0-10	
Ethyl-t-Butyl Ether (ETBE)	101	100	77-125	1	0-9	
Tert-Amyl-Methyl Ether (TAME)	100	99	81-123	1	0-10	
Ethanol	102	100	44-152	3	0-24	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



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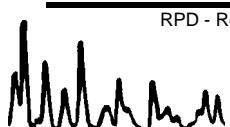
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Method: EPA 8260B

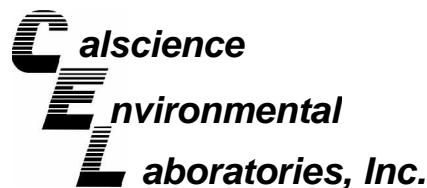
Project: PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-459-28	Solid	GC/MS X	11/15/06	11/15/06	061115L02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	96	94	85-115	2	0-11	
Carbon Tetrachloride	98	100	68-134	2	0-14	
Chlorobenzene	98	98	83-119	0	0-9	
1,2-Dichlorobenzene	98	97	57-135	0	0-10	
1,1-Dichloroethene	99	97	72-120	3	0-10	
Toluene	95	95	67-127	0	0-10	
Trichloroethene	97	99	88-112	2	0-9	
Vinyl Chloride	93	92	57-129	1	0-16	
Methyl-t-Butyl Ether (MTBE)	103	106	76-124	3	0-12	
Tert-Butyl Alcohol (TBA)	100	107	31-145	7	0-23	
Diisopropyl Ether (DIPE)	106	96	74-128	10	0-10	
Ethyl-t-Butyl Ether (ETBE)	99	102	77-125	3	0-9	
Tert-Amyl-Methyl Ether (TAME)	102	102	81-123	1	0-10	
Ethanol	103	106	44-152	3	0-24	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



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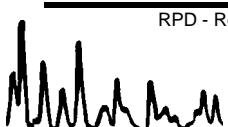
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Preparation: EPA 5035
Method: EPA 8260B

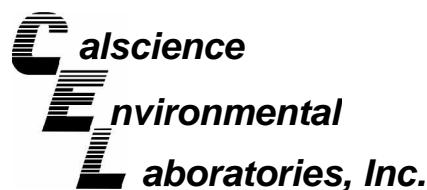
Project: PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-459-27	Solid	GC/MS JJ	11/16/06	11/16/06	061116L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	93	92	85-115	0	0-11	
Carbon Tetrachloride	97	96	68-134	1	0-14	
Chlorobenzene	99	100	83-119	1	0-9	
1,2-Dichlorobenzene	99	98	57-135	1	0-10	
1,1-Dichloroethene	86	85	72-120	2	0-10	
Toluene	97	97	67-127	0	0-10	
Trichloroethene	99	97	88-112	1	0-9	
Vinyl Chloride	73	71	57-129	3	0-16	
Methyl-t-Butyl Ether (MTBE)	96	96	76-124	0	0-12	
Tert-Butyl Alcohol (TBA)	88	88	31-145	0	0-23	
Diisopropyl Ether (DIPE)	94	93	74-128	0	0-10	
Ethyl-t-Butyl Ether (ETBE)	97	96	77-125	0	0-9	
Tert-Amyl-Methyl Ether (TAME)	98	98	81-123	0	0-10	
Ethanol	88	87	44-152	1	0-24	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



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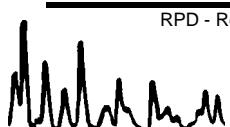
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Work Order No: 06-11-0824
Preparation: EPA 5030B
Method: EPA 8260B

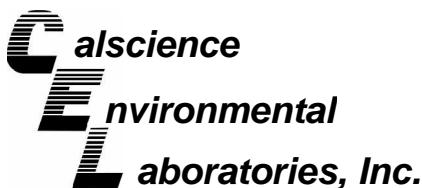
Project: PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-19,619	Aqueous	GC/MS T	11/14/06	11/14/06	061114L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	95	94	84-120	1	0-8	
Carbon Tetrachloride	104	99	63-147	4	0-10	
Chlorobenzene	101	99	89-119	2	0-7	
1,2-Dichlorobenzene	100	101	89-119	1	0-9	
1,1-Dichloroethene	86	86	77-125	0	0-16	
Toluene	97	97	83-125	0	0-9	
Trichloroethene	94	91	89-119	3	0-8	
Vinyl Chloride	81	81	63-135	1	0-13	
Methyl-t-Butyl Ether (MTBE)	96	96	82-118	1	0-13	
Tert-Butyl Alcohol (TBA)	97	98	46-154	1	0-32	
Diisopropyl Ether (DIPE)	92	91	81-123	1	0-11	
Ethyl-t-Butyl Ether (ETBE)	91	93	74-122	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	99	100	76-124	1	0-10	
Ethanol	90	99	60-138	9	0-32	

RPD - Relative Percent Difference , CL - Control Limit





Glossary of Terms and Qualifiers



Work Order Number: 06-11-0824

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

